

# FILE NOTATIONS

Entered in NID File .....  
 Location Map Pinned .....  
 Card Indexed .....

Checked by Chief .....  
 Approval Letter .....  
 Disapproval Letter .....

## COMPLETION DATA:

Date Well Completed 2-16-69  
 OW..... WW..... TA.....  
 GW..... OS..... PA.....

Location Inspected .....  
 Bond released  
 State or Fee Land .....

## LOGS FILED

Driller's Log 2-28-69  
 Electric Logs (No.) 3  
 E..... I..... Dual I Lat..... GR-N..... Micro.....  
 BHC Sonic GR..... Lat..... MI-L..... Sonic.....  
 CBLog..... CCLog..... Others.. Cement & Bond.....

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Kenneth D. Luff

## 3. ADDRESS OF OPERATOR

210 Patterson Building, Denver, Colorado 80202

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

1820' ns1 and 819' ew1

At proposed prod. zone

Same

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

3 miles Redwash Camp

## 10. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

501'

## 16. NO. OF ACRES IN LEASE

120

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

1350'

## 19. PROPOSED DEPTH

5561'

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

Est. KB = 5200'

## 22. APPROX. DATE WORK WILL START\*

Nov. 10, 1968

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" ✓	24# ✓	150 ft. ✓	150 sacks
7-7/8"	5-1/2"	14#	5600 ft.	250 sacks

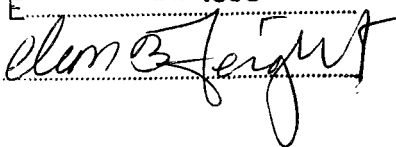
Drill 12-1/4" hole to a depth of 150' and set 150' of 8-5/8" surface casing;  
Drill 7-7/8" hole with mud to a depth of 5561'; run IES and Sonic Logs and DST  
potential oil and gas zones. If tests, logs, and other data indicate commercial  
production, run 5-1/2" production casing; if not, plug and abandon well as per  
instructions from state engineer.

APPROVED BY DIVISION OF  
OIL & GAS CONSERVATION

DATE

NOV 14 1968

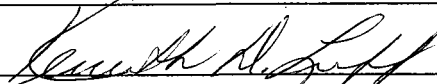
BY



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED



TITLE

Operator

DATE

10-23-68

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

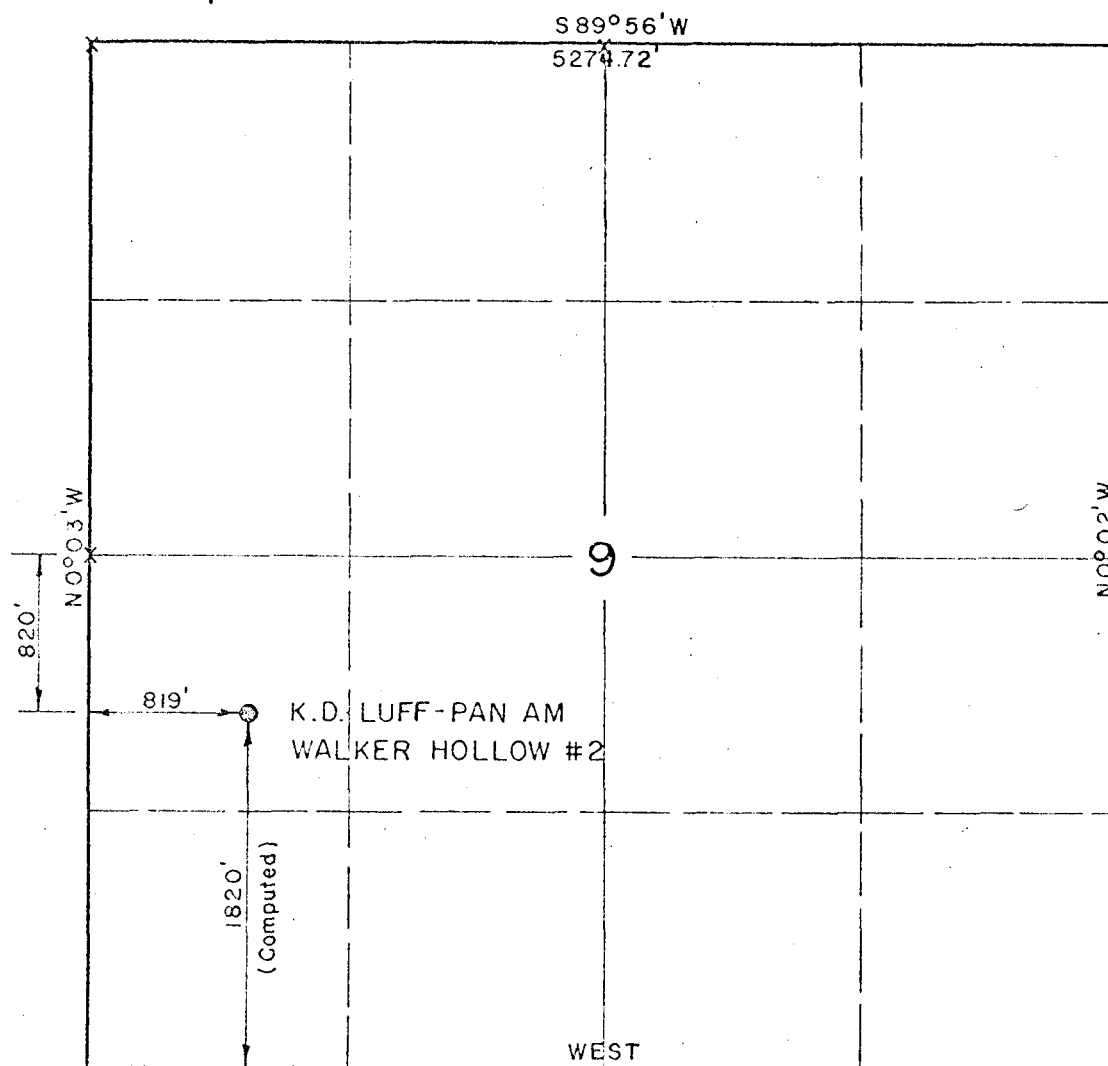
CONDITIONS OF APPROVAL, IF ANY:

T7S, R 23E, S.L.B. & M.

PROJECT

K.D. LUFF

Well location, located as shown in  
the NW 1/4 of the SW 1/4, Sec  
9, T7S, R23E, S.L.B. & M.  
Uintah County, Utah.



X = Corners Located (Brass Caps)



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO 3137  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
P.O. BOX Q - 110 EAST - FIRST SOUTH  
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 20 Oct 1968
PARTY L.C.K. & K.M.	REFERENCES GLO Plat
WEATHER Cool	FILE K. D. Luff

THE STATE OF UTAH  
DIVISION OF OIL AND GAS CONSERVATION

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>U-02651A</b>
2. NAME OF OPERATOR <b>Kenneth D. Luff</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR <b>210 Patterson Building, Denver, Colorado 80202</b>		7. UNIT AGREEMENT NAME <b>Walker Hollow</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  <b>1820 NSL x 819 EWL</b>		8. FARM OR LEASE NAME <b>Pan American</b>
14. PERMIT NO. <b>11-19-68</b>		9. WELL NO. <b>#2</b>
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5201 Ground 5213 KB</b>		10. FIELD AND POOL, OR WILDCAT <b>Walker Hollow</b>
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 9, T7S - R23E</b>
		12. COUNTY OR PARISH <b>Uintah</b>
		13. STATE <b>Utah</b>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

1. Perforated with 1/2" Hyperjet at following depths: 5406, 5410=11-12, 5423, 5425, 5436, 5442, 5452-53-54-55, 5457, 5460, 5463, 5471-72-73-74, 5479, 5492-93-94, 5498-99.
  2. Broke down perfs with 2000 gallons of Hcl dropping 45 RCN balls.
  3. Swabbed back acid and tested free oil with no indicated water production.
  4. Ran tubing and rods.
- Installing surface facilities and building tank battery.

18. I hereby certify that the foregoing is true and correct

SIGNED

*Kenneth D. Luff*

TITLE

Operator

DATE 1/27/69

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

Kenneth D. Luff

3. ADDRESS OF OPERATOR

210 Patterson Building, Denver, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface

1820 fsl x 819 fwl

At top prod. interval reported below

At total depth

Same

14. PERMIT NO.

DATE ISSUED

-

11-14-68

5. LEASE DESIGNATION AND SERIAL NO.

U-02651 A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Walker Hollow

8. FARM OR LEASE NAME

Pan American

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Walker Hollow

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec 9 7S 23 E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

15. DATE SPUDDED 11-25-68 16. DATE T.D. REACHED 12-13-68 17. DATE COMPL. (Ready to prod.) 2-6-69 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5213 KB 19. ELEV. CASINGHEAD 5203

20. TOTAL DEPTH, MD &amp; TVD 5565 21. PLUG, BACK T.D., MD &amp; TVD 5520 22. IF MULTIPLE COMPL., HOW MANY\* yes 5 23. INTERVALS DRILLED BY → ROTARY TOOLS yes CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 25. WAS DIRECTIONAL SURVEY MADE

5498-5406 Green River

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

IES, GRS, CBL

27. WAS WELL CORED

No

29. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	246	12 1/4	225 sacks	None
5 1/2"	15 1/2#	5557	7 7/8	350 " "	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	5450	No

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

5406, 5410-11-12, 5423-25, 5436, 5442, 5452-53-54-55-57, 5460-63, 5471-72-73-74, 5479, 5492-93-94, 5498-99. 1/2" hyperjet 1 at each depth.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
as perforations indicate	2000 gal 15% Hcl

33.\* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
2-5-69		Pumping 2" vol. producer.				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-8-69	24	1/2	→	130	172	none	132
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
30	130	→	130	172	none	32	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

Use on lease.

35. LIST OF ATTACHMENTS

Logs, Geologic report, mvd log.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

DATE

\* (See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
See attached geologic report.			
		NAME	
		MEAS. DEPTH	
		TRUE VERT. DEPTH	

FB 28 1969

**Mr. Kenneth D. Luff  
210 Patterson Building  
Denver, Colorado 80202**

**Re: Well No's. Pan American Federal  
#1, and Pan American Federal #2,  
Sec. 9, T. 7 S., R. 23 E.,  
Uintah County, Utah.  
For the months of November &  
December, 1968.**

**Dear Mr. Kenneth D. Luff:**

Our records indicate that you have not filed a Monthly Report of Operations for the month(s) mentioned above for the subject well. Rule C-22 (1), General Rules and Regulations and Rules of Practice and Procedure, Utah State Division of Oil and Gas Conservation requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1b, (U. S. Geological Survey 9-331, "Sundry Notices and Reports on Wells"), or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your cooperation with respect to this request is greatly appreciated.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

SHARON CAMERON  
RECORDS CLERK

sc

Enclosure: Form OGC-1b

K. D. Luff

#2 Pan Am Walker Hollow

1820' n/s1 and 820' e/w1

Section 9, - T7S - R23E

Uintah County, Utah



FORMATION TOPS

Green River	2897'
"H" Marker	4758'
"I" Marker	4945'
"J" Marker	5275'
"K" Marker	5430'

CHRONOLOGIC WELL HISTORY

- 11-25-68 Rigging up Barker Well Service Rig #5. Drilling rat hole at 6:45 p.m. Drilling 12-1/4" surface hole at 9:15 p.m. Drilled 12-1/4" hole with spud mud to 43'.
- 11-26-68 Drilled 12-1/4" hole with spud mud to 262' at 12:30 p.m. Trip to clean hole up at 6:30 a.m. Worked on pump, cleaned valves, cleaned out pump. Circulated 1/2 hour. Trip out to run casing. Ran 8 joints (246.09') of 8-5/8", 24# surface casing. Set at 258' R.B.M. Cemented with 225 sacks 50-50 pozmix, 2% CACL2. Plug down at 3:45 p.m., good returns. Ran guide shoe and 4 centralizers. Backed off at 8:00 p.m. W.O.C. and nipping up. Survey at 262' = 1/2<sup>0</sup>.  
Total footage = 219'
- 11-27-68 W.O.C. and nipping up. Re-set D.C. on floor. Put pump back together. Primed pump and rigged up to drill mouse hole. Put Kelly hose on. Drilling mouse hole at 5:00 a.m. Worked on B.O.P. Picked up bottom collar. Cleaned mud tank, cleaned pits, started shaker, trip in hole with New Bit #1. Drilling cement and shoe at 8:30 a.m. Drilled 7-7/8" with water to 1614'. Worked on pump 3/4 hour. Start trip out for New Bit #2 at 1614'. Survey at 1614' = 3/4<sup>0</sup>.  
Total footage = 1352'
- 11-28-68 Finish trip in hole with New Bit #2. Trip for New Bit #3 at 2399'. Wash to bottom 1/4 hour. Drilled 7-7/8" hole with water to 2890'. Clean mud tanks to mud up. Start trip out for New Bit #4 at 2890'. Survey at 2399' = 3/4<sup>0</sup>. Survey at 2890' = 3/4<sup>0</sup>. Mixing mud to drill ahead.  
Total footage = 1276'
- 11-29-68 Finish trip for New Bit #4 at 2890'. Drilled 7-7/8" hole with mud to 3174'. Drilled through bridge at 2640'. Worked on B.O.P. Trip for New Bit #5 at 3158'. New Bit #5 is a rerun button bit.  
Total footage = 284'

WELL SUMMARY

OPERATOR: K. D. Luff

WELL: #2 Pan Am Walker Hollow

LOCATION: 1820' n/s1 and 820' e/w1  
Section 9 - T7S - R23E  
Uintah County, Utah

ELEVATION: Graded Ground 5201' KB 5213'

CONTRACTOR: Barker Well Service

RIG TYPE: IDECO H-35 Dr 701 Rig #5

COMMENCED: November 25, 1968

COMPLETED: December 17, 1968

TOTAL DEPTH: 5565'

LITHOLOGY: J. C. Martinets and Bill Covey

CASING: Surface: Ran 8 joints (246.09') of 8-5/8", 24# surface casing. Set at 258' R.B.M. Cemented with 225 sacks 50-50 pozmix, 2% CACL2. Plug down 3:45 p.m., good returns. Ran guide shoe and 4 centralizers.

Production: Ran 169 joints (5566.79') of 5-1/2", 15½#, J-55 casing set at 5566' KB. Cemented with 280 sacks 50-50 Pozmix, 2% gel, 10% salt, 3/4 of 1% CFR-2. Good returns.

HOLE SIZE: 12¼" from surface to 262'. 7-7/8" from 262' to 5565'.

CORES: None

DST'S: DST #1: 5430-5525' mis-run  
DST #1-A: 5436-5525'  
DST #2: 5376-5436'

LOGGING SERVICES: Schlumberger Dual Induction Laterolog from 260' to 5521'.  
Schlumberger BHC Sonic-Gamma Ray with Caliper-F-Log from 4000' to 5522'.  
Rocky Mountain Geo-Engineering Mud Log from 4700' to 5532'.

CHRONOLOGIC WELL HISTORY - continued

- 11-30-68 Drilled 7-7/8" hole with mud to 3430'. Trip for New Bit #6 at 3366'. Washed and reamed 73' to bottom. Weight 30,000#, RPM - 60, pump pressure - 1,000#. Lost some mud at 3:30 p.m.  
Total footage - 256'
- 12-1-68 Drilled 7-7/8" hole with mud to 3781'. Worked on pump and head gasket 3/4 hour.  
Total footage - 351'
- 12-2-68 Drilled 7-7/8" hole with mud to 4068'. Cleaned shale pit, 2nd compartment of mud tank.  
Total footage - 287'
- 12-3-68 Drilled 7-7/8" hole with mud to 4222'. Trip for New Bit #7 at 4111'. Wash to bottom 1/4 hour. Survey at 4111' - 1-1/4°  
Total footage - 154'
- 12-4-68 Drilled 7-7/8" hole with mud to 4370'. Worked 1 hour on liner cap gasket, packed pump gland.  
Total footage - 148'
- 12-5-68 Drilled 7-7/8" hole with mud to 4537'. Worked on rotary clutch valve 2-3/4 hours. Start trip for re-run Bit #6 at 4537'. Survey at 4530' - 3/4°.  
Total footage - 167'
- 12-6-68 Finish trip in hole with re-run Bit #6. Wash to bottom 1/2 hour. Drilled 7-7/8" hole with mud to 4677'. Start trip out for New Bit #8 at 4677'. Picked up junk sub.  
Total footage - 140'
- 12-7-68 Finish trip in hole with New Bit #8. Cut drilling line. Wash to bottom 1/2 hour. Drilled 7-7/8" hole with mud to 4784'. Trip for New Bit #9 at 4762'. Washed through bridge at 4080'. Washed 20' to bottom. Survey at 4760' - 1°.  
Total footage - 107'
- 12-8-68 Drilled 7-7/8" hole with mud to 4970'. Cleaned mud tank. Worked on engine emergency valve 2-1/4 hours.  
Total footage - 186'
- 12-9-68 Drilled 7-7/8" hole with mud to 5155'. Start trip out for New Bit #10 at 10:30 p.m.  
Total footage - 185'

CHRONOLOGIC WELL HISTORY - continued

- 12-10-68 Finish trip in hole with New Bit #10. Reamed 250' to bottom 2-1/2 hours. Drilled 7-7/8" hole with mud to 5265'. Trip for New Bit #11 at 5255'. Thawed out fillup line, strung new geograph line and installed new geograph. Survey at 5250' - 1-1/2°. Total footage - 110'
- 12-11-68 Drilled 7-7/8" hole with mud to 5381'. Trip for New Bit #12 at 5297'. Reamed 1/4 hour to bottom. Start out of hole for trip for New Bit #13 at 5381'. Survey at 5381'. Survey at 5381' - 1-3/4°. Total footage - 116'
- 12-12-68 Finish trip in hole with New Bit #13. Fill pipe and wash to bottom 3/4 hours. Drilled 7-7/8" hole with mud to 5499'. Trip for New Bit #14 at 5477'. Washed 30' to bottom, 2-1/4 hours. Total footage - 118'
- 12-13-68 Drilled 7-7/8" hole with mud to 5532'. Circulate and condition mud prep to log, 2 hours. Short trip for 15 stands. Circulate for 2 hours. Trip out of hole to log. Strapped out, true driller T.D. - 5530'. Ran Schlumberger Dual Induction Laterolog from 260' to 5521'. Ran Schlumberger Sonic-Gamma Ray F-Log with Caliper from 4000' to 5522'. Waiting on test tool. Total footage - 33'
- 12-14-68 Picked up test tool. Went in hole to run DST #1 at 5430' to 5525'. Packer seat failed, attempted to re-set, failed again. Came out of hole with test tool. Broke down test tool. Went back in hole, washed 15' to bottom. Circulate and condition mud and hole. Trip out to re-run DST #1. Made up test tool. Trip in hole for DST #1-A at 5436' to 5525'. Ran DST #1-A. Testing. See report under DST's. Total footage - 0'
- 12-15-68 Testing, DST #1-A at 5436' to 5525'. Waiting on daylight to pull test tool. Pulling DST #1-A. Cleaned floor, lay down test tool. Run in hole with 36 stands to circulate out oil. Came out of hole. Picked up test tools. Going in hole to run DST #2 at 5376' to 5436'. Running DST #2. Testing. Total footage 0'
- 12-16-68 Testing, DST #2 at 5376' to 5436'. Waiting on daylight to pull test tool. (See report under DST's for results). Pulled test tool. Broke down test tool. Cleaned off floor, trip in hole with New Bit #15. Drilled 7-7/8" hole with mud to 5565'. Circulate and condition hole prep to run casing. Total footage - 35'

CHRONOLOGIC WELL HISTORY - continued

12-17-68 Circulate and condition hole and mud. Trip out of hole laying down drill pipe and drill collars. Rigged up to run casing. Ran 169 joints (5566.79') of 5-1/2", 15½#, J-55 casing. Set at 5566' KB. Cemented with 280 sacks 50-50 pozmix, 2% gel, 10% salt, 3/4 of 1% CFR-2. Good returns. Plug down at 2:40 p.m. Took off BOP and cut off casing. Released rig.

Total footage - 0'

MIDNITE DRILLING DEPTHS

<u>Date</u>	<u>Depth</u>	<u>Footage</u>
11-25-68	43'	43'
11-26-68	262'	219'
11-27-68	1614'	1352'
11-28-68	2890'	1276'
11-29-68	3174'	284'
11-30-68	3430'	256'
12-1-68	3781'	351'
12-2-68	4068'	287'
12-3-68	4222'	154'
12-4-68	4370'	148'
12-5-68	4537'	167'
12-6-68	4677'	140'
12-7-68	4784'	107'
12-8-68	4970'	186'
12-9-68	5155'	185'
12-10-68	5265'	110'
12-11-68	5381'	116'
12-12-68	5499'	118'
12-13-68	5532'	33'
12-14-68	5532'	0'
12-15-68	5532'	0'
12-16-68	5565'	35'
12-17-68	5565'	0'

BIT RECORD

<u>No.</u>	<u>Size</u>	<u>Make</u>	<u>Type</u>	<u>In</u>	<u>Out</u>	<u>Footage</u>	<u>Hours</u>	<u>Serial No.</u>
---	12-1/4"	HTC	OSC-3	0'	262'	262'	10	RR
1	7-7/8"	Smith	DT-J	262'	1614'	1352'	12-1/4	48915
2	7-7/8"	Smith	DT-J	1614'	2399'	785'	8-1/4	47676
3	7-7/8"	Smith	DG-J	2399'	2890'	491'	7-3/4	21812
4	7-7/8"	HTC	Rx55R	2890'	3158'	268'	15	ZM075
5	7-7/8"	Smith	SS-4	3158'	3366'	208'	15-1/4	RR
6	7-7/8"	Smith	SS-4	3366'	4111'	745'	56-3/4	N9028
7	7-7/8"	Smith	SS-4	4111'	4537'	426'	54-3/4	N9022
6	7-7/8"	Smith	SS-4	4537'	4677'	140'	18	RR
8	7-7/8"	Smith	C-2	4677'	4762'	84'	11-3/4	24459
9	7-7/8"	Smith	SS-4	4762'	5155'	393'	45-1/4	N9516
10	7-7/8"	Smith	T-2	5155'	5255'	100'	11-3/4	19369
11	7-7/8"	Smith	K2-J	5255'	5297'	42'	6-3/4	96348
12	7-7/8"	Smith	T-2	5297'	5381'	84'	11-1/4	23752
13	7-7/8"	Smith	T-2	5381'	5477'	96'	11-1/4	19286
14	7-7/8"	Smith	T-2	5477'	5532'	55'	9-3/4	19330
15	7-7/8"	Smith	T-2	5532'	5565'	30'	7	89343

DAILY MUD CHARACTERISTICS

<u>Date</u>	<u>Depth</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Filtrate</u>	<u>Ph</u>	<u>Sd%</u>	<u>Solids%</u>	<u>LCM</u>
11-28	2697'	Gel-chem	8.9	36	8.6	8.5	Tr	---	---
11-29	2980'	Gel-chem	9.0	34	8.0	9.0	Tr	---	---
11-30	3309'	Gel-chem	9.5	40	7.0	9.0	1/20	---	5%
12-1	3543'	Gel-chem	9.4	40	7.0	9.0	1/20	---	7%
12-2	3901'	Gel-chem	9.55	42	6.6	9.0	1/20	9%	7%
12-3	4111'	Gel-chem	9.5	38	6.8	9.0	1/20	9%	5%
12-4	4271'	Gel-chem	9.55	41	6.4	9.0	1/20	9%	5%
12-5	4456'	Gel-chem	9.45	45	6.2	9.0	3/40	8.5%	5%
12-6	4595'	Gel-chem	9.5	40	6.2	8.5	1/20	---	7%
12-7	4722'	Gel-chem	9.4	42	6.2	9.0	1/40	8.5%	5%
12-8	4858'	Gel-chem	9.55	45	6.2	9.0	1/20	9%	7%
12-9	5071'	Gel-chem	9.4	44	6.4	9.0	1/40	8.5%	5%
12-10	5242'	Gel-chem	9.5	47	6.2	9.0	1/20	9%	5%
12-11	5295'	Gel-chem	9.5	44	6.2	9.0	1/20	9%	5%
12-12	5443'	Gel-chem	9.6	42	6.2	9.0	1/20	9.5%	5%

DEVIATION SURVEYS

<u>Depth</u>	<u>Deviation</u>	<u>Weight on Bit</u>	<u>Pump Pressure</u>	<u>RPM</u>
262'	1/2°	All		150
1614'	3/4°	All		150
2399'	3/4°	All		150
2890'	3/4°	30,000#	750#	65
4111'	1-1/4°	35-40,000#	1000#	65
4530'	3/4°	35-40,000#	850#	65
4760'	1 °	40-55,000#	600#	85
5250'	1-1/2°	35,000#	1100#	70
5381'	1-3/4°	35,000#	1100#	70

OIL AND GAS SHOWS

4770-77 Net 15 units gas show: Methane - 99%, Ethane - 1%  
Porosity - 12 to 15%, Sw - high  
Sandstone, fine grained to very fine grained, lite gray, occasionally white and clear, well sorted, slight S & P, generally poorly cemented, calcareous, with much unconsolidated sand, trace of weak fluorescence, but no visible oil.  
Interpreted wet

4789-4800 Net 55 units gas show: Methane - 88%, Ethane - 4%  
Propane - 3%, Butane - 5%  
Porosity - 12-to 17%, Sw 60%  
Sandstone, white to clear, mostly fine grained, some very fine grained, some medium grained, friable, fair sorting, sub-rounded, some clusters with good oil stain, some clusters with more spotty and scattered oil stain, good yellow fluorescence and good streaming cut.  
Interpreted as possible commercial production but probably will make water also.

4822-4835 Net 40 units gas show: Methane - 88%, Ethane - 4%  
Propane - 3%, Butane - 5%  
Porosity - 11 to 17%, Sw - high  
Sandstone, lite gray to gray, very fine grained, clear, trace of fine grained and trace of medium grained, fair sorting friable, sub-rounded, oil stained, but very scattered and spotty, good yellow fluorescence and good streaming cut, but low percentage of staining in overall sample.  
Interpreted wet.

## OIL AND GAS SHOWS - continued

4847-4856      Net 15 units gas show:    Methane - 97%, Ethane - 1%  
   Propane - 1%, Butane - 1%  
   Porosity - 11 to 14%, scattered,  
   Sw - high

Sandstone, various, lite gray, medium grained, heavy with ostracods, tite, porosity filled with calcite, poor sorting, and also sandstone, medium and occasionally coarse grained, poorly sorted, sub-rounded to sub-angular, poorly cemented, some oil staining with yellow fluorescence and excellent cut, but staining is not uniform.

Interpreted wet and/or tite.

4868-4888      Net 55 units gas show:      Methane - 100%  
   Porosity - 14-22%  
   Sw - 65%

Sandstone, medium to coarse grained, some like conglomerate, clear to light gray, friable, many large quartz grains, sub-rounded to sub-angular, some oil stain but it is very spotty, ranging from none to a heavy saturation, stain is blacker, good cut but fluorescence is dull, most of stain appears to be dead oil.

Interpreted wet.

4897-4908 No gas show

Porosity - 12 to 20%, scattered  
Sw - high

Mostly unconsolidated sand grains from fine grained to conglomerate size, and sub-rounded to sub-angular, as few chips of fine grained, white to lite tan, very slight oil stain in some clusters, but mostly no show.

Interpreted wet.

4968-4976      Net 45 units gas show:    Methane - 100%, Sw - high  
   Porosity - 15 to 20%  
Sandstone, medium to coarse grained, lite gray, poorly sorted,  
fair to poor porosity, some dead oil stain, has good cut, but  
very dull fluorescence, some ostracods.

Interpreted wet.

4988-4999      Net 20 units gas show:    Methane - 100%, Sw - high  
   Porosity - 14 to 19%

Sandstone, fine to medium grained, clear to lite gray, fair sorting, some dead oil residue, and some sandstone, white, fine to very fine grained, almost friable, no show.

Interpreted wet.



OIL AND GAS SHOWS - continued

5018-5025

5029-5036

5040-5051      Net 45 units gas show      Methane - 99%, Ethane - 1%  
Porosity - 15 to 23%, Sw - high  
Sandstone, various, fine to medium grained, clear to lite gray, almost friable, some residual oil stain with scattered dull fluorescence, and sandstone, white to clear, fine to very fine grained, friable, well sorted, clean, calcareous, with some dead oil residue in part, some spotty full fluorescence.  
Interpreted wet.

5376-5388      Net 40 units gas show:      Methane - 86%, Ethane - 7%  
(Je-3 sand)                      Propane - 4%, Butane - 3%  
Porosity - 15 to 20%, Sw - 75%  
Sandstone, fine grained, well sorted, lite gray to clear to lite brown from oil stain, friable, sub-rounded, live oil stain but lite, medium yellow fluorescence with good streaming cut. Staining makes sand look wet.  
Interpreted wet.

5399-5414      Net 20 units gas show:      Methane - 90%, Ethane - 5%  
(Je-4 sand)                      Propane - 3%, Butane - 2%  
Porosity - 12 to 18%, Sw - 60-65%  
Sandstone, fine grained, lite gray to clear, friable, well sorted, sub-rounded, good porosity, good live oil stain, bright yellow fluorescence, good streaming cut. Stain appears to be spotty, but may be due to porosity changes and/or clay filling.  
Interpreted commercial oil production.

5420-5428      Net 15 units gas show:      Methane - 90%, Ethane - 6%  
(Jg sand)                      Propane - 4%, No Butane  
Porosity - 17 to 18%, Sw - (Sonic F-Log) 80%  
Sandstone, lite gray to white to clear, fine grained, medium friable, well sorted, sub-rounded, good porosity, bright yellow fluorescence, good cut. Live oil staining but still seems spotty. Probably some clay filling. High Sw probably due to thin bed.  
Interpreted oil productive.

5434-5446      Net 90 units gas show:      Methane - 85%, Ethane - 5%  
(K-1 sand)                      Propane - 4%, Butane - 6%  
Porosity - 13 to 17%, Sw - 90-100% (F-Log)  
Sandstone, fine grained, some medium grained, well sorted, friable, good porosity, clear to lite gray but lite brown because of stain. Live oil stain, good yellow fluorescence, excellent cut. Stain is spotty in parts and more even than others. Small percentage of sandstone in sample. High Sw reading is probably from thin bedded nature.  
Interpreted oil productive.

## OIL AND GAS SHOWS - continued

5450-5460  
(K-2 sand)

Net 30 units gas show: Methane - 85%, Ethane - 6%  
Propane - 4%, Butane - 5%  
Porosity - 12 to 17%, Sw - 40%

Sandstone, fine to medium grained, clear to lite brown from stain, well sorted, friable, good porosity, sub-rounded, good live oil stain, excellent cut, good yellow fluorescence. Stain is not real heavy and there is only a small percentage of sandstone in the sample.

Interpreted commercial oil productive.

5468-5480  
(KA-1 sand)

Net 30 units gas show: Methane - 85%, Ethane - 6%  
Propane - 5%, Butane - 4%  
Porosity - 14 to 17%, Sw - 40%

Sandstone, fine to very fine grained, clear to lite brown from oil stain, medium cement, good live oil stain with good yellow fluorescence and excellent cut. Much unconsolidated sand in sample, fine to medium grained, sub-rounded.

Interpreted commercial oil productive.

5488-5500  
(KA-2 sand)

Net 12 units gas show: Methane - 85%, Ethane - 6%  
Propane - 5%, Butane - 4%  
Porosity - 14 to 16%, Sw - 70% (F-Log)

Sandstone, fine to medium grained, well sorted, clear to tan, porous, sub-rounded, bright yellow fluorescence, good live oil stain with good streaming cut, friable to some unconsolidated. High Sw on F-Log may be due to zone appearing tite in thin streaks.

Interpreted oil productive.

## DRILL STEM TESTS

DST #1: 5430'-5525'

Packer seat failed - Mis-run

DST #1-A: 54361-5525'

Open hole test off bottom double upper packers, big John jars, safety joint and equalizing tube. Had a 1" surface choke and a 3/4" bottom choke.

## Test Times

Tool open	8:45 p.m.	10 minutes
Shut in	8:55 p.m.	60 minutes
Tool open	9:55 p.m.	65 minutes
Shut in	11:00 p.m.	90 minutes

DRILL STEM TESTS - continued

First open (10 minutes) with good blow increasing to very strong in 3 minutes. First closed in (60 minutes). Second open (65 minutes) gas immediately, 75 mcf in 10 minutes decreasing to approximately 15 mcf in 50 minutes. Closed in (90 minutes).

Recovered: 2270' of heavily gas cut oil  
300' of slightly water cut mud

		<u>Pressures</u>					
		<u>IHH</u>	<u>ISP</u>	<u>IFP</u>	<u>FFP</u>	<u>FSIP</u>	<u>FHH</u>
Top Chart:	5412'	2690#	2150#	108-175#	189-525#	2109#	2690#
Bottom Chart:	5521'	2753#	2203#	183-235#	261-561#	2164#	2753#

Temperature 110° at 5407'

DST #2: 5376'-5436'

Open hole hookwall straddle test with double upper packer, bottom packer, Big John jars, safety joint and equalizing tube. Had 1" surface choke and 3/4" bottom choke.

Test Times

Tool open	9:15 p.m.	15 minutes
Shut in	9:30 p.m.	60 minutes
Tool open	10:30 p.m.	60 minutes
Shut in	11:30 p.m.	60 minutes

First open (15 minutes) with weak blow increasing to fair blow. First closed (60 minutes). Second open (60 minutes) with weak blow increasing to fair and remaining same for rest of flow. Second closed (60 minutes). No gas to surface.

Recovered: 160' of very slightly gas cut oil.  
480' of muddy water.

Pressures

		<u>IHH</u>	<u>ISP</u>	<u>IFP</u>	<u>FFP</u>	<u>FSIP</u>	<u>FHH</u>
Top Chart:	5351'	2636#	2042#	81-162#	189-270#	1880#	2636#
Bottom Chart:	5429'	2661#		131-180#	209-287#	1876#	2661#

Temperature 110° at 5346'

LITHOLOGY

- 4700-4720 Sandstone, various, fine grain, white, poorly cemented, no show, and sandstone fine/medium grain, lite gray to clear, almost friable, slight S & P, no show, some grain siltstone, some shale, gray, green.
- 4720-4730 As above with increase in shale, more red-brown and mottled.
- 4730-4750 Interbeds of shale, gray, green, mottled brown, and red-brown, and sandstone, fine grain, white to lite gray, fine grain, well sorted, S & P in part, generally fair to poor cement, occasional weak fluorescence but no visible oil stain, occasional heavy with ostracods, buff to gray to black.
- 4750-4760 Mostly shale, vari-colored, trace sandstone's as above,
- 4760-4780 Mostly shale, greens, grays, some waxy, reds, browns and mottled, and siltstone, lite gray to gray, hard, minor trace sandstone, as above with no shows.
- 4780-4800 Sandstone, fine grain to very fine grain, lite gray, occasional white and clear, well sorted, slight S & P, generally poorly cemented, calc, much unconsolidated sand, trace weak fluorescence but no visible oil, some gray siltstone, trace bentonite, and shales as before.
- 4800-4820 Sandstone, white/clear, fine grain mostly, some medium grain, occasional very fine grain, friable, fair sorted, sub-rounded, some chips with good oil stain, some more scattered and spotty stain, good yellow fluorescence with good streaming cut.
- 4820-4850 As above with increase in lite gray/gray sandstone, very fine grain, clean.
- 4850-4860 Sandstone, vary lite gray, medium grain, heavy with ostracods, tite, porosity filled with calcite, poor sorted, and sandstone medium/coarse grain, poorly sorted, sub-rounded, sub-angular, poor to fair cement, good live oil stain with yellow fluorescence and excellent cut, but stain is not uniform, and sandstone, fine grain, as above with stain as above.
- 4860-4870 Sandstone, gray to dark gray, S & P with very many black grains, fine/medium grains, almost friable, fair sorted, sub-rounded, no show, and trace limestone, coarse texture, occasional ostracodal.
- 4870-4890 Sandstone, various, gray as above, with white, very fine/fine grain, well cemented, no show, gray siltstone, and trace limestone as above, and shales as before.

LITHOLOGY - continued

- 4890-4900 Sandstone, coarse grain to conglomerate, very poor sorted, clear to lite gray, friable, many large quartz grains, sub-rounded to sub-angular, some oil stain but is very spotty from almost none to heavy saturation, blacker good cut but more dull fluorescence, most oil may be dead.
- 4900-4910 Mostly unconsolidated sand grains, from fine to conglomerate size and sub-rounded to sub-angular, few chips of fine grain, white to lite tan, slight oil stain in some, mostly no show.
- 4910-4950 Sandstone, fine/medium grain, white to occasional clear, very slight S & P, good to occasional poor sorted, almost friable, no shows, and some lite gray-green shales, and gray siltstone.
- 4950-4960 Interbeds of varicolored shales, gray siltstone, and some sandstone as above.
- 4960-4970 Sandstone, lite gray to clear, fine to medium grain, occasional good S & P, friable to well cemented, generally fair sorted, fair to poor porosity, no shows, some shales and siltstone.
- 4970-4980 Mostly unconsolidated sand, fine/medium grain, assumed as above, no show.
- 4980-4990 Sandstone, various, gray, fine grain, well sorted, friable/poor cement, no show, and sandstone, white, fine grain, no show, and sandstone, medium, lite gray, white/clear, no show.
- 4990-5000 Interbeds of shales, mostly grays, siltstone, lite gray, white and gray, fine grain, sandstone's as above and sandstone, medium to coarse grain, lite gray, poorly sorted, fair to poor porosity, oil stained but looks dead, has good cut but very dull fluorescence, some ostracodal.
- 5000-5010 Vari-colored shales, sandy to silty in part, some siltstone, trace limestone, buff with ostracods and trace sandstone with ostracods as before.
- 5010-5020 Some shales as before, and sandstone, fine/medium grain, clear to lite gray, with oil residue as above, some sandstone, white, fine/very fine grain, almost friable, no show.
- 5020-5030 As above with some medium grain sandstone as above with scattered dull fluorescence (yellow) and stain.
- 5030-5040 Sandstone as above with some residual oil stain as above, and some siltstone and shales as before.

LITHOLOGY - continued

- 5040-5050 Sandstone, white to clear as above, some siltstone.
- 5050-5060 Sandstone, white to clear, fine grain/very fine grain, friable, clean, calc, with some dead oil residue in part, some spotted fluorescence as above, and shales as before.
- 5060-5080 Vari-colored shales as before, sandy and/or silty in part.
- 5080-5090 Shales as before, and sandstone, medium grain, to very fine grained, medium friable, calc, no show.
- 5090-5100 Sandstone, fine/very fine grain, white to lite gray, medium to well cement, hard, clean, some siltstone.
- 5100-5110 Mostly shales, lite gray, lite green, and browns, and siltstone, lite gray, hard, trace sandstone as before, trace buff limestone, occasional ostracods.
- 5110-5120 As above with increase in siltstone.
- 5120-5130 Interbeds of shales as above, and sandstone, white, fine grain, friable to firm, well sorted mostly, but some chips poor sorted, no show, and sandstone, clear, fine to medium grain, fair sorted, good porosity, friable, and with much dead oil stain.
- 5130-5150 Shales, gray, green, red-brown, mottled, silty and/or sandy in part, mostly soft, and siltstone and sandstone as above, no shows, traces of buff limestone, from crypto-crystalline to foraminiferal and coarse texture.
- 5150-5160 Red and brown shales - trip sample - assumed as above.
- 5160-5180 Sandstone, fine to medium grain, poor sorted, gray, with dark grains, some ostracods, poor porosity, medium friable, no shows, and shales as before, and trace sandstone, white, fine grain, no show.
- 5180-5190 Vari-colored shales, but more red-browns, mottled, trace oil shale, dark choc brown, and some ostracodal sandstone as above, no shows.
- 5190-5200 As above with some bentonite, slightly more brown shale.
- 5200-5210 Vari-colored shales and some limestone, lite buff, almost granular texture, in part fossiliferous.

LITHOLOGY - continued

- 5210-5220 As above with trace ostracodal sandstone as before and some ostracodal limestone.
- 5220-5230 As above but with trace sandstone, fine/medium grain, friable, poor sorted, good porosity with scattered dead oil stain.
- 5230-5250 Shales, lite gray, lite green, brown, red-brown, olive, mottled, silty in part.
- 5250-5260 Poor sample after trip, assumed as above.
- 5260-5270 Shales as before, but more yellow-brown, trace sandstone, fine/medium grain, clear to white, no shows.
- 5270-5290 Shales, mostly lite grays, pale greens, some gray siltstone, trace sandstone, fine grain, white/lite gray, slight S & P, medium cement, no shows, very minor trace dark brown oil shale.
- 5290-5300 Vari-colored shales, great increase in red-browns.
- 5300-5310 Shales, lite gray and pale green, trace oil shale.
- 5310-5320 As above with trace sandstone, fine grain, white, well sorted, medium cement, no shows, increase in dark brown shale.
- 5320-5330 As above and sandstone, coarse grained, sub-angular/sub-rounded, poor sorted, clear/lite gray, medium cement, no show.
- 5330-5340 Shales as before, trace sandstone, white, fine grain, no show and trace coarse grain sandstone as above.
- 5340-5350 Poor sample, all red and brown shales, assumed as above.
- 5350-5360 Shales, poor sample as above.
- 5360-5370 Shales as above, and some sandstone, medium cement/friable, white to lite gray, fine grain, no show, and sandstone, medium grain, lite gray/clear, good S & P, friable, fair sorted, good porosity, no show.
- 5370-5380 As above but mostly shale.
- 5380-5390 Gray-green shales, and sandstone, fine grain, white to almost clear medium cement/friably, fair/good sorted, no shows.
- 5390-5400 As above and sandstone, fine grain, well sorted, lite gray to clear to lite brown from stain, poorly cemented, lite oil stain, medium yellow fluorescence, good cut. (Looks wet.)

LITHOLOGY - continued

- 5400-5420 Sandstone, fine grain, lite gray/clear, friable, well sorted, good porosity, good live oil stain, bright fluorescence, and good strong cut, stain appears to be spotty, and sandstone, fine grain, white/lite gray, no show, and shales as before.
- 5420-5430 Shales, grays and greens, and sandstone as above, fine grain with scattered oil stain as above, and sandstone, fine/medium grain, white, no shows.
- 5430-5450 Mostly shales, vari-colored as before, with sandstones as immediately above, staining still seems spotty.
- 5450-5470 Vari-colored shales, and sandstone, fine grain, well sorted, friable, good porosity, live oil stain, good yellow fluorescence, excellent cut, staining is spotty in parts and more even in others, small % of sandstone in overall sample.
- 5470-5480 Vari-colored shales mostly as before, and some sandstone, fine/medium to occasional coarse grain, white and some clear, slight S & P, sub-rounded, sub-angular, good porosity but some sands have porosity plugged with calcite, no shows.
- 5480-5490 As above and sandstone fine/medium grain, clear, well sorted, friable, good porosity, good live oil stain, excellent cut, good fluorescence, stain is not real heavy, and small percentage of sandstone in sample.
- 5490-5500 Mostly unconsolidated sand, fine/medium grain, but occasional chip of very fine/fine grain, clear, medium cement, good stain as above.
- 5500-5510 Sandstone, fine/medium grain, well sorted, porous, sub-rounded, bright yellow fluorescence, excellent cut, good live oil stain, not real heavy.
- 5510-5532 Shales as before and sandstone as above.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-02651 A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Walker Hollow.

8. FARM OR LEASE NAME

Pan American

9. WELL NO.

#2

10. FIELD AND POOL, OR WILDCAT

Walker Hollow

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 9, T7S-R23E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

1.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Kenneth D. Luff

3. ADDRESS OF OPERATOR

210 Patterson Building, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface

1820 NSL x 819 EWL

14. PERMIT NO.

11-119-68

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5201 gr. 5213 KB

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☒

PULL OR ALTER CASING

☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Pull rods and tubing. Frac down casing perforated zones 5406-5499 with 60,000 gallons of gelled water and 112,000 pounds of 10/20 sand. Clean out casing and put well back on pump.

18. I hereby certify that the foregoing is true and correct

SIGNED

*Kenneth D. Luff*

TITLE

Operator

DATE

4/11/69

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

DEPARTMENT OF THE INTERIOR (reverse side)  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-02651 A
2. NAME OF OPERATOR Kenneth D. Luff		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 210 Patterson Building, Denver, Colorado 80202		7. UNIT AGREEMENT NAME Walker Hollow
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1820 NSL x 819 EWL		8. FARM OR LEASE NAME Pan American
14. PERMIT NO. 11-119-68	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5201 GR. 5213 KB	9. WELL NO. #2
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		10. FIELD AND POOL, OR WILDCAT Walker Hollow
		11. SEC. T. R. M. OR BLK. AND SURVEY OR AREA Sec. 9, T7S, R23E
		12. COUNTY OR PARISH Utah
		13. STATE Utah

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Pulled rods and tubing and fraced well down casing as per copy of attached report. Removed tubing and rods and put back on production.

RECEIVED SEP 23 1969

18. I hereby certify that the foregoing is true and correct

SIGNED Kenneth D. Luff TITLE Operator DATE 4/11/69

(This space for Federal or State office use)  
(CRIG. SGD.) F. A. SALWENOWICZ  
APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE ACTING DISTRICT ENGINEER DATE SEP 24 1969

\*See Instructions on Reverse Side

FORM 1921

FIELD		Walker Hollow		SEC.	TWP.	RNG.	COUNTY	Uintah	STATE	Utah	
MATERIALS USED											
TYPE JOB Water Sand											
TREAT. FLUID		60,000		DENSITY			LB/GAL.*API				
DISP. FLUID		6,300		DENSITY			LB/GAL.*API				
PROP. TYPE		Sand		SIZE	10/20		LB.	62,200			
PROP. TYPE		HCL		SIZE	1,000		LB.	15			
ACID TYPE				GAL.			%	15			
ACID TYPE				GAL.			%				
ACID TYPE				GAL.			%				
SURFACTANT TYPE				GAL.			IN				
NE AGENT TYPE				GAL.			IN				
FLUID LOSS ADD. TYPE		WAC-8		GAL.-LB.	2,400		IN				
GELLING AGENT TYPE				GAL.-LB.			IN				
FRIC. RED. AGENT TYPE				GAL.-LB.			IN				
BREAKER TYPE		CW-I		GAL.-LB.	600		IN				
BLOCKING AGENT TYPE				GAL.-LB.							
PERFPAC BALLS TYPE				NO.							
OTHER MATERIALS											
HYDRAULIC HORSEPOWER											
AVAILABLE		3500		USED	3088						
AVERAGE RATES IN BPM											
TREATING		DISPL.		OVERALL		42					
PRESSURES IN PSI											
BREAKDOWN		None		MAXIMUM		3500					
AVERAGE		3000		DISPLACEMENT		3500					
SHUT-IN: INSTANT		I600		5-MIN.		I300		15-MIN. II00			
FRACTURE GRADIENT											
VOLUMES											
LOAD & BKDN: BBL.-GAL.				PAD: BBL.-GAL.	4000						
TREATMENT: BBL.-GAL.		32600		DISPL: BBL.-GAL.	6300						
TOTAL-BBL.-GAL.		38,900									
PERSONNEL AND EQUIPMENT											
NAME		EMPL. NO.		UNIT NO. & TYPE		LOCATION					
G.Perry		32675		2430							
Jorgenson		I0666		24IO		Vernal					
Sunquist		I2473		6657							
Miller		23097		2409		Vernal					
Cantrell		I2482									
Hein		28I32		79IO		Vernal					
Brewer		30848		6I00							
Rasmussen		30II3		6478		Vernal					
McKee		3III3I		6099							
Welch		257I9		8325		Vernal					
Griese		233I5									
Fernandez				ENG		Vernal					
WELL DATA											
FORMATION		Green River		DATE COMPLETED		NA					
INIT. PROD: OIL				BPD;	WATER		BPD;		GAS MCF		
PRES. PROD: OIL				BPD;	WATER		BPD;		GAS MCF		
CASING: SIZE		5 3/8		WEIGHT		Il		DEPTH 5520			
LINER:		SIZE		FROM		TO					
OPEN HOLE:		SIZE		FROM		TO					
PERF:		5406-5499		SHOTS/FT.		I		TOTAL NO. 52			
CUSTOMER REPRESENTATIVE X		A.W.Jay									
HALLIBURTON OPERATOR		Griese		COPIES REQUESTED							
TREATING LOG											
CHART NO.	TIME	OPERATION AND /OR AMOUNT AND TYPE FLUID PUMPED				RATE BPM	PUMPS T C		PRESSURE - PSI TUBING CASING		REMARKS
I040		Test Lines							1000		PSI
I040		Pump Pad				45	8		2800		4000 GAL
I043		1# IO/20 Sand				57	8		3000		0 GAL
I043.5		1# IO/20 Sand				57	8		3000		1000 GAL
I044		2# IO/20 Sand				49	8		2700		2000 GAL
I044.5		2# IO/20 Sand				60	8		2800		3000 GAL
I90I		End Frac				4I	8		3500		32,600 GAL
I90I		Start Flush				40	8		3500		0 GAL
I905		End Flush				40	8		3500		6300 GAL
AVG Rate 42											
AVG Press 3000											
AVG HHP 3088											

CUSTOMER	A.B. JULL & ASSOC.
LEASE	Pan American Walker Hollow
NO	2
DATE	4/9/1963

PT 102

Branch of Oil and Gas Operations  
8416 Federal Building  
Salt Lake City, Utah, 84111

October 13, 1969

Mr. Kenneth D. Luff  
402 Patterson Building  
Denver, Colorado 80202

Dear Mr. Luff:

A recent inspection of the water disposal pit for your Walker Hollow Pan American #1 and 2 wells (sec. 9, T. 7 S., R. 23 E., lease Utah 02651-A) showed that water is still seeping from this pit. A taste of the water seeping from the pit indicated that although it was not exceptionally "salty", it did appear to have a rather high concentration of other minerals.

Accordingly, we request that you submit your plans for an alternative method of disposal of this water. We also request that you obtain samples of both the produced water and the water seepage outside the pit so that we can determine whether or not to allow the continued use of the pit until other arrangements can be made for the satisfactory disposal of the water.

Please comply with the above requests as soon as possible so that this pollution can be promptly eliminated and contact us if you have any questions concerning our requirements on the above.

Sincerely yours,

(ORIG. SGD.) F. A. SALWEROWICZ

Frank A. Salwerowicz,  
Acting District Engineer

cc: Utah O&G Com. ✓

*AM*

OIL & GAS CONSERVATION BOARD

DELBERT M. DRAPER, JR.  
CHAIRMAN

CHARLES R. HENDERSON  
~~GUY N. GARDON~~  
ROBERT R. NORMAN  
WALLACE D. YARDLEY

Wesley R. Dickerson



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS CONSERVATION

1588 WEST NORTH TEMPLE  
SALT LAKE CITY, UTAH 84116  
328-5771

*P* *213*

CLEON B. FEIGHT  
DIRECTOR  
PAUL W. BURCHELL  
CHIEF PETROLEUM ENGINEER

October 23, 1969

RECEIVED OCT 27 1969

Kenneth D. Luff  
210 Patterson Building  
Denver, Colorado 80202

Re: Well No. Pan American Fed. #2,  
Sec. 9, T. 7 S., R. 23 E.,  
Uintah County, Utah

Gentlemen:

This letter is to advise you that the Subsequent Report of Fracture Treatment is due and has not as yet been filed with this office.

It would be appreciated if you could complete the enclosed forms and forward them to this office at your earliest convenience.

Thank you for your cooperation with regards to this request.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

*Scherree DeRose*

SCHEREE DeROSE  
SECRETARY

SD:ah

Enclosures

ENCLOSED ARE REPORTS REQUESTED. PLEASE NOTE THAT COPY IS ALSO ENCLOSED OF APPROVED REPORT RECEIVED SEPTEMBER 23, 1969.

THE STATE OF UTAH  
DIVISION OF OIL AND GAS CONSERVATION

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-02651-A
2. NAME OF OPERATOR Kenneth D. Luff		6. IF INDIAN, ALLOTTED OR TRIBE NAME
3. ADDRESS OF OPERATOR 210 Patterson Building, Denver, Colorado 80202		7. UNIT AGREEMENT NAME Walker Hollow
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1820 NSL x 819 E/WL		8. FARM OR LEASE NAME Pan American
14. PERMIT NO. 11-119-68		9. WELL NO. 2
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5201 GR, 5213 KB		10. FIELD AND POOL, OR WILDCAT Walker Hollow
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 9, T7S-R23E
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Pulled rods and tubing and fraced well down casing as per copy of attached report.  
Removed tubing and rods and put back on production.

18. I hereby certify that the foregoing is true and correct

SIGNED Kenneth D. Luff TITLE Operator DATE 10/27/69

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

Form 1000-1  
(November 1983)  
(Formerly 9-331)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE  
(Other instructions on re-  
verse side)

Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐
2. NAME OF OPERATOR  
Luff Exploration Company
3. ADDRESS OF OPERATOR  
1580 Lincoln Street, Suite 850, Denver, Colorado 80203
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

See Below

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5. LEASE DESIGNATION AND SERIAL NO.  
See Lease No.'s Below

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
092514

UNIT AGREEMENT NAME  
Walker Hollow Unit  
Participating Area "B"

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

T7S, R23E

12. COUNTY OR PARISH 13. STATE  
Uintah Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Change of Operator

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Lease No. U-02651 Section 8: S/2

Lease No. U-02651-A Section 9: W/2NW/4, NW/4SW/2

Lease No. U-02651-B Section 8: N/2

Property was sold to Alta Energy Corporation, 900 Heritage Center, 500 North Loraine, Midland, Texas 79701, with ownership change effective March 1, 1987. Alta Energy Corporation assumes obligations of Operator effective October 1, 1987.

18. I hereby certify that the foregoing is true and correct

SIGNED Larry J. Conell

TITLE Vice President - Operations

DATE 9/17/87

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side



UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut  
84180-1203. • (801-538-5340)

Page 1 of 1

## MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• LUFF EXPLORATION COMPANY  
1580 LINCOLN ST SUITE 850  
DENVER CO 80203  
ATTN: BRAD DAVIS

Utah Account No. N0590

Report Period (Month/Year) 8 / 87

Amended Report ☐

Well Name			Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
<del>FED MILLER #1</del>	<del>4304730034</del>	<del>02750 07S 22E 4</del>	UNTA				
<del>WOLF GOV. FED #1</del>	<del>4304715609</del>	<del>02755 07S 22E 5</del>	UNTA				
<del>WALKER HOLLOW UNIT MCLISH #1</del>	<del>4304720280</del>	<del>02760 07S 23E 8</del>	GRRV				
<del>WALKER HOLLOW UNIT MCLISH #2</del>	<del>4304730011</del>	<del>02760 07S 23E 8</del>	GRRV				
<del>WALKER HOLLOW UNIT MCLISH #3</del>	<del>4304730027</del>	<del>02760 07S 23E 8</del>	GRRV				
<del>WALKER HOLLOW UNIT MCLISH #4</del>	<del>4304730030</del>	<del>02760 07S 23E 8</del>	GRRV				
<del>PAN AMERICAN FED #2</del>	<del>4304730038</del>	<del>02760 07S 23E 9</del>	GRRV				
<del>WALKER HOLLOW U #6</del>	<del>4304731034</del>	<del>02760 07S 23E 8</del>	GRRV				
<del>WALKER HOLLOW U J-8</del>	<del>4304731092</del>	<del>02760 07S 23E 8</del>	GRRV				
TOTAL							

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete.

Date

Authorized signature

Telephone



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug wells in a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED  
JUN 3 1988

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Comm. Agmt. # 91-000471E	
2. NAME OF OPERATOR Alta Energy Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME --	
3. ADDRESS OF OPERATOR 415 West Wall, Suite 1810, Midland, TX 79701		7. UNIT AGREEMENT NAME Walker Hollow Unit "B"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface		8. FARM OR LEASE NAME --	
14. PERMIT NO.		9. WELL NO. **	
15. ELEVATIONS (Show whether OF, RT, OR, etc.)		10. FIELD AND POOL, OR WILDCAT Walker Hollow	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 8 & 9, T-7-S, R-23-E	
		12. COUNTY OR PARISH Uintah	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>
(Other) Change of Operator <input checked="" type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Effective April 1, 1988, PHOENIX HYDROCARBONS, INC., P.O. Box 2802, Midland, Texas assumed operations of this unit from Alta Energy Corporation.

** McLish #1, SWSW, Sec. 8, T-7-S, R-23-E	43-047-20280
McLish #2, SWSE, Sec. 8, T-7-S, R-23-E	" " 30011
McLish #3, NESE, Sec. 8, T-7-S, R-23-E	" " 30027
McLish #4, NESW, Sec. 8, T-7-S, R-23-E	" " 30030
Pan Am #2, NWSE, Sec. 9, T-7-S, R-23-E	" " 30038
Walker Hollow #6, SESE, Sec. 8, T-7-S, R-23-E	" " 31034
walker Hollow J8, NWSE, Sec. 8, T-7-S, R-23-E	" " 31092

18. I hereby certify that the foregoing is true and correct

SIGNED

*Ken C. Wilkerson*

TITLE

Production Secretary

DATE 5/3/88

(This space for Federal or State office use)

APPROVED BY

TITLE

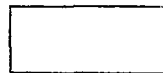
DATE

CONDITIONS OF APPROVAL, IF ANY:

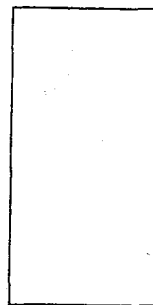
Pan Am Id # [redacted] Sec 9, T80, 23E Chubly 28 Sept 88

N ———

propane tank



pump  
jack



well head ○



Phoenix Hydrocarbons, Inc. (N0985)

RECEIVED

July 2, 1991

JUL 05 1991

DIVISION OF  
OIL GAS & MINING

Lisha Romero  
Division of Oil, Gas, & Mining  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

RE: Change of Operator

Dear Lisha:

As per our telephone conversation on July 1, 1991, Phoenix Hydrocarbons, Inc. (PHI) hereby gives notice that effective July 1, 1991, Phoenix Hydrocarbons Operating Inc. (PHOC) will begin to operate wells previously operated by PHI. Attached you will find a list of these properties by field which includes API numbers and Utah Entity numbers.

Please assign PHOC a Utah Account Number for filing taxes and monthly reporting. If you should have any questions, please call. Thank you.

Sincerely,

*Rhonda Patterson*

Rhonda Patterson

encl.

\*910711 Address is the same per Rhonda Patterson. *JP*

PHOENIX HYDROCARBONS UTAH FIELDS

AS OF 3/31/91

WALKER HOLLOW FIELD #700

U-02651

	API - NUMBER	UTAH ENTITY #
McLish #1	43-047-20280	02760
McLish #2	43-047-30011	02760
McLish #3	43-047-30027	02760
McLish #4	43-047-30030	02760
Pan American Fed #2	43-047-30038	02760
WalkerHollow U #6	43-047-31034	02760
WalkerHollow UJ-8	43-047-31092	02760

RECEIVED

JUL 05 1991

DIVISION OF  
OIL GAS & MINING

NATURAL BUTTE FIELD #630

U-33433

	API - NUMBER	UTAH ENTITY #
Southman Canyon #1-5	43-047-30856	10689
Southman Canyon #4-4	43-047-30632	10690
Southman Canyon #4-5	43-047-30633	06131

PLEASANT VALLEY FIELD #115

FEE

	API - NUMBER	UTAH ENTITY #
Pleasant Valley 24-32	43-013-30888	04970
Pleasant Valley 23-22	43-013-30845	04965

8 MILE FLAT NORTH FIELD #590

mL-22057

	API - NUMBER	UTAH ENTITY #
Gulf State 36-11	43-047-31350	00040
Gulf State 36-12	43-047-31864	11002
Gulf State 36-13	43-047-31345	00045
Gulf State 36-22	43-047-31892	11095
Pariette Draw 28-44-FEE	43-047-31408	04960

HORSESHOE BEND FIELD #620

U-075939

	API - NUMBER	UTAH ENTITY #
Baser Draw 5-1	43-047-31833	10862
Baser Draw 6-1	43-047-31834	10863
Baser Draw 6-2	43-047-31859	10967
Federal Miller #1-U-0136484	43-047-30034	02750
Wolf Government #1	43-047-15609	02755
FEDERAL 4-3-L-U-66401	43-047-31910	99999 (ADDED TO LIST BY DOGM)

WILDCAT FIELD #001

	API - NUMBER	UTAH ENTITY #
Coors 14-1-D-U-65223	43-047-31304	11193

UNDESIGNATED FIELD #002

	API - NUMBER	UTAH ENTITY #
E. Gusher 15-1-A-U-58097	43-047-31900	11122
Federal 5-5-H-U-66401	43-047-31903	11138

NOTE: WE NEED TO CALL EACH QUARTER TO THE DIVISION OF OIL, GAS, & MINING TO  
VERIFY FIELD'S THAT HAVE BEEN "UNDESIGNATED" FOR FIELD ASSIGNMENT

Division of Oil, Gas and Mining  
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ Well File \_\_\_\_\_ ☐ Suspense \_\_\_\_\_ ☒ Other \_\_\_\_\_  
(Location) Sec \_\_\_\_\_ Twp \_\_\_\_\_ Rng \_\_\_\_\_ (Return Date) \_\_\_\_\_ OPERATOR CHANGE  
(API No.) \_\_\_\_\_ (To - Initials) \_\_\_\_\_

1. Date of Phone Call: 1-15-92 Time: 3:00

2. DOGM Employee (name) L. ROMERO (Initiated Call ☐)  
Talked to:  
Name RHONDA PATTERSON (Initiated Call ☐) - Phone No. (915) 682-1186  
of (Company/Organization) PHOENIX HYDROCARBONS INC. (N0985)

3. Topic of Conversation: WHY OPERATOR NAME HAS NOT BEEN CHANGED?

4. Highlights of Conversation:

I EXPLAINED TO HER THAT THE BLM HAS NOT APPROVED THE CHANGE AS OF YET.

SHE SAID THAT MMS HAS UPDATED THEIR RECORDS, AND THAT THEY ARE NOW REPORTING  
TO THEM UNDER THE NEW OPERATOR NAME "PHOENIX HYDROCARBONS OPERATING CORPORATION".

I TOLD HER THAT I WOULD FOLLOW-UP WITH THE BLM.

\*(3:15) BLM/VERNAL "NOT APPROVED - CHECK BACK IN 2 WEEKS".

\*920203 BLM/VERNAL "NOT APPROVED".

\*920302 BLM/VERNAL "NOT APPROVED".

\*920326 BLM/VERNAL "NOT APPROVED", MMS SHOULD NOT HAVE ACCEPTED REPORTS UNDER  
PHOC "PHOENIX HYDROCARBONS OPERATING CORP", BUT AT PRESENT THEY ARE. BLM/VERNAL  
WILL NOT RECOGNIZE THE CHANGE UNTIL THE PROPER PAPERWORK HAS BEEN FILED & APPROVED  
BY THE APPROPRIATE OFFICE (SL/BLM "WALKER HOLLOW UNIT", & CA'S). WELLS DRILLED ON  
PRIVATE MINERALS AND STATE LEASES ARE BEING CHANGED AT THIS TIME, FEDERAL LEASES  
WILL REMAIN THE SAME UNTIL BLM APPROVAL HAS BEEN GRANTED.

\*920326 RHONDA PATTERSON-REFERRED TO BLM/VERNAL & BLM/SL.

# Phoenix Hydrocarbons, Inc.

October 21, 1992

RECEIVED

OCT 26 1992

DIVISION OF  
OIL GAS & MINING

Lisha Romero  
Division of Oil, Gas and Mining  
3 Triad Center, #350  
Salt Lake City, UT 84810-1203

RE: Federal Sundry Notices

Dear Lisha:

Enclosed please find copies of the approved Sundry Notices from the BLM-Vernal Office for the following leases:

Southman Canyon 1-5	Baser Draw 6-1
Southman Canyon 4-4	Baser Draw 6-2
Southman Canyon 4-5	Wolf Gov't #1
East Gusher 15-1-A	Federal Millier #1
Coors 14-1-D	Federal 5-5-H
Baser Draw 5-1	

I have conversed with Theresa Thompson with BLM-Salt Lake City office concerning the Walker-Hollow Unit. She has informed me that Exxon is in the process of dissolving the unit participation (Phoenix has been the sub-operator), therefore we should wait for that outcome before trying to change the operator agreement with Exxon.

Also I have enclosed an original Sundry Notice filing for the East Gusher 2-1-A for the designation of operator which seems to have been overlooked. Please note at this time this lease is considered to be a "state lease" even though it is probably going to become a comingled lease.

If there is any additional information you might need, or if there are further steps I must take, please let me know. Thank you for help and patience in this matter.

Sincerely,



Rhonda Patterson

Bureau of Land Management  
Branch of Fluid Minerals (UT-922)  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

April 26, 1993

Robert Fields  
Exxon Company, U.S.A.  
P.O. Box 1600  
Midland, Texas 79702-1600

Re: Automatic Contraction  
Walker Hollow Unit ;  
Uintah County, Utah

Gentlemen:

Your letter of April 15, 1993, describes for our concurrence the lands remaining after voluntary contraction of the Walker Hollow Unit Area, Uintah County, Utah, pursuant to Section 2 of the unit agreement. The lands so eliminated total 5,112.06 acres, more or less. The resultant unit area contains 600.00 acres.

The following Federal Leases are entirely eliminated from the unit area.

SL-065815  
SL-066341

U-010  
U-0671

U-0671A

Federal Leases U-02651 and U-02651B are partially eliminated from the unit area.

Federal Lease U-02651A is still contained within the unit area.

The Walker Hollow Uinta PA and the Walker Hollow Basal Uinta PA are considered terminated upon elimination from the unit area.

We concur in your description of the lands voluntary eliminated from the Walker Hollow Unit Agreement, effective as of January 1, 1993. You have complied with the requirements of Section 2, provided you promptly notify all interested parties.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosures

bcc: Branch of Lands and Minerals Operations w/enclosure  
District Manager - Vernal w/enclosure  
Division of Oil, Gas and Mining,  
State Board of Land Commissions  
MMS - Data Management Division  
File - Walker Hollow Unit w/enclosure  
Agr. Sec. Chron  
Fluid Chron File 922:TAThompson:tt:04-26-93

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. Lease Designation and Serial Number:
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.		6. If Indian, Allocated or Tribe Name:
1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER:		7. Unit Agreement Name: 891000471D
2. Name of Operator: Snyder Oil Corporation		8. Well Name and Number: Pan Am #2
3. Address and Telephone Number: 1625 Broadway, #2200 Denver, CO 80202 (303)592-8500		9. API Well Number: 43-047-30038
4. Location of Well Footages: QQ, Sec., T., R., M.: Sec 8, T-7-S, R-23 E		10. Field and Pool, or Wildcat:  County: Uintah State: Utah

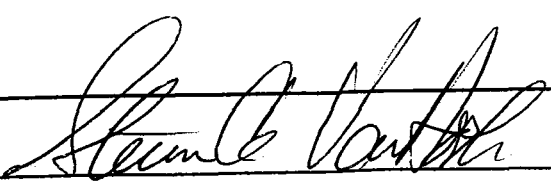
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Multiple Completion <input checked="" type="checkbox"/> Other <u>Change Of Operator</u>	<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Other _____
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate date work will start _____	Date of work completion _____  Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective January 1, 1994, Snyder Oil Corporation will take over operations of subject well from Phoenix Hydrocarbons, Inc.

Snyder Oil Corporation is covered under Utah State Bond #582488 and Federal Bond #579354 (Gulf Insurance Company).

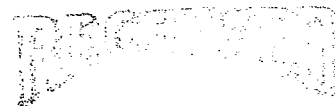
13. Name & Signature:  Title: Attorney in Fact Date: 1-14-94

(This space for State use only)



**SNYDER OIL CORPORATION**

1625 Broadway, Suite 2200  
Denver, Colorado 80202  
Phone 303-592-8579



DIVISION OF  
OIL, GAS & MINING

January 13, 1994

State of Utah  
Division of Oil, Gas, & Mining  
3 Triad Center, #350  
Salt Lake City, UT 84180-1203

Attention: Lisha Cordova

RE: Change of Operator  
Sundry Notices

Dear Ms. Cordova:

Effective January 1, 1994, Phoenix Hydrocarbons Operating Corp. will transfer all operations in Utah to Snyder Oil Corporation.

Snyder Oil Corporation is covered by Utah State Bond #582488 and Federal Bond #579354 (Guld Insurance Company).

Attached you will find a list of all wells to be operated by Snyder Oil Corporation. Please note: all of Phoenix Hydrocarbon Operating Corp.'s wells should be transferred.

If you should have any questions, please call.

Sincerely,

A handwritten signature in black ink, appearing to read "Steven G. Van Hook". The signature is fluid and cursive, with a large, stylized "S" and "V".

Steven G. Van Hook  
Attorney-in-Fact

Enclosures

# UINTAH COUNTY

Well Name	LEASE NUMBER	API NUMBER	LOCATION
Gulf State 36-11	ML-22057	43-047-31350	SEC 36, T-8-S, R-18-E
Gulf State 36-12	ML-22057	43-047-31884	SEC 36, T-8-S, R-18-E
Gulf State 36-13	ML-22057	43-047-31346	SEC 36, T-8-S, R-18-E
Gulf State 36-22	ML-22057	43-047-31892	SEC 36, T-8-S, R-18-E
Pariette Draw 28-44	FEE	43-047-31408	SEC 28, T-4-S, R-2-W
Federal Miller #1	UTU0136484	43-047-30034	SEC 4, T-7-S, R-22-E
Wolf Govt #1	UTU075839	43-047-16609	SEC 5, T-7-S, R-22-E
McLish #1 (Walker Hollow)	SL-066341	43-047-20280	SEC 8, T-7-S, R-23-E
McLish #2 (Walker Hollow)	SL-066341	43-047-30011	SEC 8, T-7-S, R-23-E
McLish #3 (Walker Hollow)	SL-066341	43-047-30027	SEC 8, T-7-S, R-23-E
McLish #4 (Walker Hollow)	SL-066341	43-047-30030	SEC 8, T-7-S, R-23-E
Walker Hollow U-6	SL-066341	43-047-31034	SEC 8, T-7-S, R-23-E
Pan American #2	SL-066341	43-047-30038	SEC 8, T-7-S, R-23-E
Walker Hollow U-8	SL-066341	43-047-31092	SEC 8, T-7-S, R-23-E
Baser 6-1	UTU075839	43-047-31833	SEC 6, T-7-S, R-22-E
Baser 6-1	UTU075839	43-047-31834	SEC 6, T-7-S, R-22-E
Baser 6-2	UTU075839	43-047-31859	SEC 6, T-7-S, R-22-E
Southman 1-6	UTU33433	43-047-30856	SEC 6, T-10-S, R-23-E
Southman 4-4	UTU33433	43-047-30632	SEC 4, T-10-S, R-23-E
Southman 4-6	UTU33433	43-047-30633	SEC 6, T-10-S, R-23-E
East Gusher 16-1-A	UTU58097	43-047-31900	SEC 16, T-6-S, R-20-E
Coors 14-1-D	UTU65223	43-047-31304	SEC 14, T-7-S, R-21-E
East Gusher 2-1-A	ML-21181	43-047-31431	SEC 2, T-6-S, R-20-E
Madeline 4-3-C	UTU42469	43-047-32279	SEC 4, T-7-S, R-21-E
Federal 6-6-H	UTU68999	43-047-31903	SEC 6, T-7-S, R-21-E
Federal 11-1-M	UTU64376	43-047-32333	SEC 11, T-6-S, R-20-E
Flat Mesa 1-7	U-38420	43-047-30382	SEC 7, T-10-S, R-23-E
Flat Mesa 2-7	U-38420	43-047-30546	SEC 7, T-10-S, R-23-E
Crooked Canyon 1-17	U-37355	43-047-30369	SEC 17, T-10-S, R-23-E
Willow Creek 2	U-39223	43-047-31818	SEC 6, T-11-S, R-20-E
No Name Canyon 1-9	U-37355	43-047-30378	SEC 8, T-10-S, R-23-E
No Name Canyon 2-9	U-37355	43-047-31604	SEC 8, T-10-S, R-23-E
Canyon View Fed 1-18	U-38421	43-047-30379	SEC 18, T-10-S, R-23-E
Alger Pass #1	ML-36213	43-047-31824	SEC 2, T-11-S, R-19-E
Sage Hen 1-6	U-38419	43-047-30382	SEC 8, T-10-S, R-23-E
Sagebrush 1-8	U-37355	43-047-30383	SEC 8, T-10-S, R-23-E
Southman Canyon SWD 3	U-38427	43-047-16880	SEC 16, T-10-S, R-23-E
Jack Rabbit 1-11	U-38425	43-047-30423	SEC 11, T-10-S, R-23-E
Cliff Edge 1-16	U-38427	43-047-30482	SEC 16, T-10-S, R-23-E
White River 1-14	U-38427	43-047-30481	SEC 14, T-10-S, R-23-E
Bitter Creek Fed 1-3	U-29797	43-047-30624	SEC 3, T-11-S, R-22-E
Lookout Point 1-16	ML-22186-A	43-047-30544	SEC 16, T-10-S, R-23-E
Pete's Flat Fed 1-1	U-40738	43-047-30558	SEC 1, T-10-S, R-23-E
Sheepherder Fed 1-10	U-38281	43-047-30559	SEC 10, T-10-S, R-23-E
NSO Fed 1-12	U-38422	43-047-30560	SEC 12, T-10-S, R-23-E
Cottonwood Wash #1	U-40729	43-047-31774	SEC 10, T-12-S, R-21-E
Willow Creek #1	U-34705	43-047-31775	SEC 27, T-11-S, R-20-E
East Bench #1	U-26880	43-047-31778	SEC 33, T-11-S, R-22-E
Lizzard Creek 1-10	U-26880	43-047-31475	SEC 10, T-11-S, R-22-E
Archy Bench #1-2	ML-22348-A	43-047-31489	SEC 2, T-11-S, R-22-E
Coors 2-10-HB	UTU-65222	43-047-32009	SEC 10, T-7-S, R-21-E
E Gusher #3	SL-065841-A	43-047-16590	SEC 3, T-6-S, R-20-E
Natural 1-7	U-6345	43-047-30148	SEC 7, T-11-S, R-21-E
Bonanza Federal 3-16	U-38428	43-047-31278	SEC 16, T-10-S, R-23-E
Lafkas 1-3	CR201	43-047-31178	SEC 3, T-11-S, R-20-E
State 14-16	ML-40904	43-047-31417	SEC 16, T-7-S, R-21-E
Love Unit 1-18	891018090A	43-047-30708	SEC 18, T-11-S, R-22-E
Love Unit 1-11	891018090A	43-047-30617	SEC 11, T-11-S, R-21-E
Love Unit 1-12	891018090A	43-047-30638	SEC 12, T-11-S, R-21-E
Love Unit 4-1	891018090A	43-047-30840	SEC 4, T-11-S, R-21-E
Love Unit B-1-10	891018090A	43-047-30709	SEC 10, T-11-S, R-21-E
Love Unit B-2-3	891018090A	43-047-30766	SEC 3, T-11-S, R-21-E
Horseshoe Bend #2 (Alta)	U-0142175	43-047-16800	SEC 3, T-7-S, R-21-E

Phoenix Hydrocarbons Inc. NO985  
Separate Change

Rec'd Transfer of Authority to Inject 2-7-94

## DUCHESNE COUNTY

Well Name	LEASE NUMBER	API NUMBER	LOCATION
Pleasant Valley 24-32	FEE	43-013-30888	SEC 24, T-4-S, R-2-W
Castle Peak 1-3	U-47172	43-013-30639	SEC 3, T-9-S, R-16-E
Monument Butte 1-3	U-44004	43-013-30642	SEC 3, T-9-S, R-17-E
Monument Butte 2-3	U-61252	43-013-30810	SEC 3, T-9-S, R-17-E

INTEROFFICE COMMUNICATION  
SNYDER OIL CORPORATION

TO: George Rooney  
FROM: Steve Van Hook *SVH*  
DATE: January 17, 1994  
RE: Phoenix Acquisition  
Transfer of Operator Forms

RECEIVED  
FEB 07 1994  
DIVISION OF  
OIL, GAS & MINING

Accompanying this memo are the following items related to the Phoenix acquisition which require your further handling:

*Copy  
Needs  
Copies* ① Original letter dated 12/20/93 from Phoenix to the State of Utah Oil, Gas & Mining Division, with exhibit listing all wells in which SOCO becomes operator. Please mail ASAP with our enclosed cover letter advising SOCO is assuming operations.

② Separate executed forms to transfer operations on the Southman Canyon SWD #3 well. Please complete the contact portion of these forms and forward for approval with the State of Utah.

③ For the Walker Hollow Unit, enclosed is a 1/14/94 cover letter from Phoenix Hydrocarbon with a Sundry Notice executed by SOCO and Phoenix for the following unit wells:

McLish #1, 2, 3, 4  
Pan Am #2  
Walker Hollow U6, J8

4. For operated wells on Federal lands, a separate file for the following wells is enclosed containing in each three original Sundry Notices of the BLM executed by SOCO and Phoenix. Please file with the BLM in triplicate for the following wells:

Castle Peak 1-3  
Canyon View 1-18  
Crooked Canyon 1-17  
Federal 11-1-M  
Madelive 4-3-C  
Coors 1-14-D  
Baser 5-1

No Name 2-9, 1-9  
Willow Creek #2  
Flat Mesa 2-7  
Flat Mesa 1-7  
Gusher 15-1-A  
Southman Canyon 4-5, 4-4, 1-5  
Baser Draw 6-2, 6-1

Memo Re: Phoenix/Transfer of Operator Forms  
January 17, 1994  
Page 2

Wolf Govt. Federal #1  
Monument Butte 2-3  
Pete's Flat Federal 1-1  
Willow Creek #1  
Cliff Edge Fed 1-15  
E. Gusher No. 3  
Lizzard Creek 1-10  
Federal 3-15  
Monument Butte 1-3

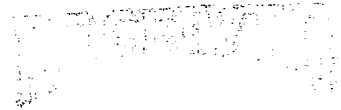
Federal Miller 1  
Sage Brush 1-8  
Bitter Creek Federal 1-3  
White River 1-14  
Southman Canyon SWD #3  
Federal 2-10 HB  
Horseshoe Bend 2  
Natural 1-7 (Love Unit)

Please advise should any questions arise.

SVH/lk

Attachments

# Phoenix Hydrocarbons, Inc.



FEB 07 1994

DIVISION OF  
OIL, GAS & MINING

January 14, 1994

State of Utah  
Division of Oil, Gas, & Mining  
3 Triad Center, #350  
Salt Lake City, UT 84180-1203

Attention: Lisha Cordova

RE: Walker Hollow Unit 891000471D  
Change Of Operator  
Sundry Notices

Dear Lisha:

Enclosed please find the subject Sundry Notices from Phoenix Hydrocarbons, Inc. and ✓ Snyder Oil Corporation regarding the change in operations of the Walker Hollow Unit.

If you should have any questions, please call.

Sincerely,

A handwritten signature in cursive script, reading "Rhonda Patterson". The signature is written in dark ink and is positioned below the word "Sincerely,".

Rhonda Patterson

encl.

## Phoenix Hydrocarbons Operating Corp.

December 20, 1993

FEB 28 1994

State of Utah  
Division of Oil, Gas, & Mining  
3 Triad Center, #350  
Salt Lake City, UT 84180-1203

Attention: Lisha Cordova

RE: Change Of Operator  
Sundry Notices

Dear Lisha:

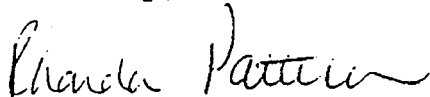
Effective January 1, 1994, Phoenix Hydrocarbons Operating Corp. will transfer all operations in Utah to Snyder Oil Corporation.

Snyder Oil Corporation is covered by Utah State Bond #582488 and Federal Bond #579354 (Guld Insurance Company).

Attached you will find a list of all wells to be Operated by Snyder Oil Corporation. Please note: all of Phoenix Hydrocarbon Operating Corp.'s well should be transfered.

If you should have any questions, please call.

Sincerely,



Rhonda Patterson

encl.

Post-it™ Fax Note 7671		Date	# of pages 3
To Lisha	From	Carmy Brockman	
Co. Dept.	Co.		
Phone #	Phone #		
Fax #	Fax #		

# UINTAH COUNTY

Well Name	LEASE NUMBER	API NUMBER	LOCATION
Gulf State 36-11	ML-22057	43-047-31350	SEC 36, T-8-S, R-18-E
Gulf State 36-12	ML-22057	43-047-31864	SEC 36, T-8-S, R-18-E
Gulf State 36-13	ML-22057	43-047-31346	SEC 36, T-8-S, R-18-E
Gulf State 36-22	ML-22057	43-047-31892	SEC 36, T-8-S, R-18-E
Pariette Draw 28-44	FEE	43-047-31408	SEC 28, T-4-S, R-2-W
Federal Miller #1	UTU0138484	43-047-30034	SEC 4, T-7-S, R-22-E
Wolf Govt # 1	UTU075939	43-047-16009	SEC 6, T-7-S, R-22-E
McLish #1 (WalkerHollow)	SL-066341	43-047-20280	SEC 8, T-7-S, R-23-E
McLish #2 (WalkerHollow)	SL-066341	43-047-30011	SEC 8, T-7-S, R-23-E
McLish #3 (WalkerHollow)	SL-066341	43-047-30027	SEC 8, T-7-S, R-23-E
McLish #4 (WalkerHollow)	SL-066341	43-047-30030	SEC 8, T-7-S, R-23-E
Walker Hollow U-6	SL-066341	43-047-31034	SEC 8, T-7-S, R-23-E
Pan American #2	SL-066341	43-047-30038	SEC 8, T-7-S, R-23-E
Walker Hollow U-8	SL-066341	43-047-31092	SEC 8, T-7-S, R-23-E
Basin 6-1	UTU075939	43-047-31833	SEC 6, T-7-S, R-22-E
Basin 6-1	UTU075939	43-047-31834	SEC 6, T-7-S, R-22-E
Basin 6-2	UTU075939	43-047-31859	SEC 6, T-7-S, R-22-E
Southman 1-6	UTU33433	43-047-30656	SEC 6, T-10-S, R-23-E
Southman 4-4	UTU33433	43-047-30632	SEC 4, T-10-S, R-23-E
Southman 4-6	UTU33433	43-047-30633	SEC 6, T-10-S, R-23-E
East Gusher 16-1-A	UTU58097	43-047-31900	SEC 16, T-6-S, R-20-E
Coors 14-1-D	UTU65223	43-047-31304	SEC 14, T-7-S, R-21-E
East Gusher 2-1-A	ML-21181	43-047-31431	SEC 2, T-6-S, R-20-E
Madelene 4-3-C	UTU42469	43-047-32279	SEC 4, T-7-S, R-21-E
Federal 6-6-H	UTU68999	43-047-31903	SEC 6, T-7-S, R-21-E
Federal 11-1-M	UTU64376	43-047-32333	SEC 11, T-6-S, R-20-E
Flat Mesa 1-7	U-38420	43-047-30362	SEC 7, T-10-S, R-23-E
Flat Mesa 2-7	U-38420	43-047-30646	SEC 7, T-10-S, R-23-E
Crooked Canyon 1-17	U-37355	43-047-30369	SEC 17, T-10-S, R-23-E
Willow Creek 2	U-39223	43-047-31816	SEC 5, T-11-S, R-20-E
No Name Canyon 1-9	U-37355	43-047-30378	SEC 9, T-10-S, R-23-E
No Name Canyon 2-9	U-37355	43-047-31604	SEC 9, T-10-S, R-23-E
Canyon View Fed 1-19	U-38421	43-047-30379	SEC 19, T-10-S, R-23-E
Alger Pass #1	ML-36213	43-047-31824	SEC 2, T-11-S, R-19-E
Sage Hen 1-6	U-38419	43-047-30382	SEC 6, T-10-S, R-23-E
Sagebrush 1-8	U-37355	43-047-30383	SEC 8, T-10-S, R-23-E
Southman Canyon SWD 3	U-38427	43-047-16980	SEC 16, T-10-S, R-23-E
Jack Rabbit 1-11	U-38425	43-047-30423	SEC 11, T-10-S, R-23-E
Cliff Edge 1-16	U-38427	43-047-30462	SEC 16, T-10-S, R-23-E
White River 1-14	U-38427	43-047-30481	SEC 14, T-10-S, R-23-E
Bitter Creek Fed 1-3	U-29797	43-047-30624	SEC 3, T-11-S, R-22-E
Lookout Point 1-16	ML-22186-A	43-047-30544	SEC 16, T-10-S, R-23-E
Pete's Flat Fed 1-1	U-40738	43-047-30558	SEC 1, T-10-S, R-23-E
Sheepherder Fed 1-10	U-38281	43-047-30559	SEC 10, T-10-S, R-23-E
NSO Fed 1-12	U-38422	43-047-30560	SEC 12, T-10-S, R-23-E
Cottonwood Wash #1	U-40729	43-047-31774	SEC 10, T-12-S, R-21-E
Willow Creek #1	U-34705	43-047-31775	SEC 27, T-11-S, R-20-E
East Bench #1	U-25880	43-047-31778	SEC 33, T-11-S, R-22-E
Lizzard Creek 1-10	U-26860	43-047-31476	SEC 10, T-11-S, R-22-E
Archy Bench #1-2	ML-22348-A	43-047-31489	SEC 2, T-11-S, R-22-E
Coors 2-10-HB	UTU-65222	43-047-32009	SEC 10, T-7-S, R-21-E
E Gusher #3	SL-065841-A	43-047-16590	SEC 3, T-6-S, R-20-E
Natural 1-7	U-6346	43-047-30148	SEC 7, T-11-S, R-21-E
Bonanza Federal 3-15	U-38428	43-047-31278	SEC 15, T-10-S, R-23-E
Lafkas 1-3	CR201	43-047-31178	SEC 3, T-11-S, R-20-E
State 14-16	ML-40904	43-047-31417	SEC 16, T-7-S, R-21-E
Love Unit 1-18	891018090A	43-047-30706	SEC 18, T-11-S, R-22-E
Love Unit 1-11	891018090A	43-047-30617	SEC 11, T-11-S, R-21-E
Love Unit 1-12	891018090A	43-047-30638	SEC 12, T-11-S, R-21-E
Love Unit 4-1	891018090A	43-047-30640	SEC 4, T-11-S, R-21-E
Love Unit B-1-10	891018090A	43-047-30709	SEC 10, T-11-S, R-21-E
Love Unit B-2-3	891018090A	43-047-30766	SEC 3, T-11-S, R-21-E
Horseshoe Bend #2 (Alta)	U-0142176	43-047-16800	SEC 3, T-7-S, R-21-E



## DUCHESNE COUNTY

Well Name	LEASE NUMBER	API NUMBER	LOCATION
Pleasant Valley 24-32	FEE	43-013-30888	SEC 24, T-4-S, R-2-W
Castle Peak 1-3	U-47172	43-013-30639	SEC 3, T-9-S, R-16-E
Monument Butte 1-3	U-44004	43-013-30642	SEC 3, T-9-S, R-17-E
Monument Butte 2-3	U-61252	43-013-30810	SEC 3, T-9-S, R-17-E

415 W. Wall, Suite 703 • Midland, Texas 79701 • (915) 682-1186

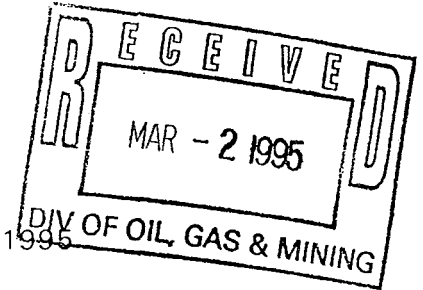
Cottonwood Wash #1	U-40729	43-047-31774	SEC 10, T-12-S, R-21-E
Willow Creek #1	U-34705	43-047-31776	SEC 27, T-11-S, R-20-E
East Bench #1	U-26880	43-047-31778	SEC 33, T-11-S, R-22-E
Lizard Creek 1-10	U-26880	43-047-31476	SEC 10, T-11-S, R-22-E
Archy Bench #1-2	ML-22348-A	43-047-31489	SEC 2, T-11-S, R-22-E
Coors 2-10-HB	UTU-65222	43-047-32009	SEC 10, T-7-S, R-21-E
E Gusher #3	SL-085841-A	43-047-16590	SEC 3, T-6-S, R-20-E
Natural 1-7	U-8345	43-047-30148	SEC 7, T-11-S, R-21-E
Bonanza Federal 3-16	U-38428	43-047-31278	SEC 16, T-10-S, R-23-E
Larkas 1-3	CR201	43-047-31178	SEC 3, T-11-S, R-20-E
State 14-16	ML-40904	43-047-31417	SEC 16, T-7-S, R-21-E
Love Unit 1-18	891018090A	43-047-30706	SEC 18, T-11-S, R-22-E
Love Unit 1-11	891018090A	43-047-30617	SEC 11, T-11-S, R-21-E
Love Unit 1-12	891018090A	43-047-30638	SEC 12, T-11-S, R-21-E
Love Unit 4-1	891018090A	43-047-30640	SEC 4, T-11-S, R-21-E
Love Unit B-1-10	891018090A	43-047-30709	SEC 10, T-11-S, R-21-E
Love Unit B-2-3	891018090A	43-047-30766	SEC 3, T-11-S, R-21-E
Horseshoe Bend #2 (Alta)	U-0142175	43-047-16800	SEC 3, T-7-S, R-21-E

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

February 28, 1995



**COPY**

Snyder Oil Company  
1625 Broadway, Suite 2200  
Denver, Colorado 80202

Re: Walker Hollow Unit  
Uintah County, Utah

Gentlemen:

On February 21, 1995, we received an indenture dated January 1, 1995, whereby Exxon Company, U.S.A. resigned as Unit Operator and Snyder Oil Corporation was designated as Successor Unit Operator for the Walker Hollow Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 28, 1995.

Your nationwide (Wyoming) oil and gas bond No. 2272 will be used to cover all operations within the Walker Hollow Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

cc: Exxon Company U.S.A.  
Attn: Sam Jolliffe IV

bcc: District Manager - Vernal (w/enclosure)  
~~Division of Oil, Gas & Mining~~  
Division of Lands and Mineral Operations U-923  
File - Walker Hollow Unit (w/enclosure)  
MMS - Data Management Division  
Agr. Sec. Chron  
Fluid Chron

U-922:TAThompson:tt:02-28-95

WELL STATUS REPORTS  
UTAH STATE OFFICE

INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
** INSPECTION ITEM 891000471D		WALKER HOLLOW GR B							
✓ 891000471D	430472028000S1	1	SWSW	8	7S	23E	POW	UTU02651	PHOENIX HYDROCARBONS OPER
✓ 891000471D	430473003800S1	2	NWSW	9	7S	23E	POW	UTU71694	PHOENIX HYDROCARBONS OPER
✓ 891000471D	430473001100S1	2	SWSE	8	7S	23E	OSI	UTU02651	PHOENIX HYDROCARBONS OPER
✓ 891000471D	430473002700S1	3	NESE	8	7S	23E	POW	UTU02651	PHOENIX HYDROCARBONS OPER
✓ 891000471D	430473003000S1	4	NESW	8	7S	23E	TA	UTU02651	PHOENIX HYDROCARBONS OPER
✓ 891000471D	430473103400S1	6	SESE	8	7S	23E	OSI	UTU02651	PHOENIX HYDROCARBONS OPER
✓ 891000471D	430473109200S1	J8	NWSE	8	7S	23E	TA	UTU02651	PHOENIX HYDROCARBONS OPER

Division of Oil, Gas and Mining  
OPERATOR CHANGE WORKSHEET

Routing:

1-LEC	7-SJ	✓
2-DTS	8-FILE	✓
3-VLC		✓
4-RJF		✓ LWP
5-LEC		✓
6-PL		✓

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent  
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-01-94)

TO (new operator) SNYDER OIL CORPORATION  
(address) PO BOX 129  
BAGGS WY 82321  
KATHY STAMAN  
phone (307) 383-2800  
account no. N 1305

FROM (former operator) PHOENIX HYDROCARBONS INC  
(address) PO BOX 2802  
MIDLAND TX 79702  
RHONDA PATTERSON  
phone (915) 682-1186  
account no. N 0985

Well(s) (attach additional page if needed): **\*WALKER HOLLOW UNIT**

Name: <u>MCLISH #1/GRRV</u>	API: <u>43-047-20280</u>	Entity: <u>2760</u>	Sec. <u>8</u>	Twp. <u>7S</u>	Rng. <u>23E</u>	Lease Type <u>U02651</u>
Name: <u>MCLISH #2/GRRV</u>	API: <u>43-047-30011</u>	Entity: <u>2760</u>	Sec. <u>8</u>	Twp. <u>7S</u>	Rng. <u>23E</u>	Lease Type <u>U02651</u>
Name: <u>MCLISH #3/GRRV</u>	API: <u>43-047-30027</u>	Entity: <u>2760</u>	Sec. <u>8</u>	Twp. <u>7S</u>	Rng. <u>23E</u>	Lease Type <u>U02651</u>
Name: <u>MCLISH #4/GRRV</u>	API: <u>43-047-30030</u>	Entity: <u>2760</u>	Sec. <u>8</u>	Twp. <u>7S</u>	Rng. <u>23E</u>	Lease Type <u>U02651</u>
Name: <u>SPAN AMERICAN FED #2/GR</u>	API: <u>(43-047-30038)</u>	Entity: <u>2760</u>	Sec. <u>9</u>	Twp. <u>7S</u>	Rng. <u>23E</u>	Lease Type <u>U02651</u>
Name: <u>WALKER HOLLOW #6/GRRV</u>	API: <u>43-047-31034</u>	Entity: <u>2760</u>	Sec. <u>8</u>	Twp. <u>7S</u>	Rng. <u>23E</u>	Lease Type <u>U02651</u>
Name: <u>WALKER HOLLOW J-8/GRRV</u>	API: <u>43-047-31092</u>	Entity: <u>2760</u>	Sec. <u>8</u>	Twp. <u>7S</u>	Rng. <u>23E</u>	Lease Type <u>U02651</u>

OPERATOR CHANGE DOCUMENTATION

- Lee 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 2-28-94)
- Lee 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 2-7-94)
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_
- Lee 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Lee 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (3-3-95)
- LWP 6. Cardex file has been updated for each well listed above. 2-6-95
- LWP 7. Well file labels have been updated for each well listed above. 2-6-95
- Lee 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (3-3-95)
- Lee 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

- See* 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) \_\_\_\_ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A* 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

## BOND VERIFICATION (Fee wells only)

- N/A* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- See* 2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) \_\_\_\_.  
Today's date \_\_\_\_\_ 19\_\_\_\_. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_\_\_.

## LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A* 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- OTIS*  
*3/1/95*  
*N/A* 2. Copies of documents have been sent to State Lands for changes involving State leases.

## MICROFILMING

- ✓* 1. All attachments to this form have been microfilmed. Date: March 8 1995.

## FILED

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

## COMMENTS

*950303 Bm/SY Appv. eff. 2-28-95.*



Snyder Oil Corporation  
Southern Region

1200 Smith, Suite 3300  
Houston, Texas 77002  
713-646-6600

June 7, 1999

State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

RE: \$80,000 Surety Blanket P & A Bond #5736975

Dear Sir or Madam:

Santa Fe Snyder Corporation was formed when Snyder Oil Corporation was merged into Santa Fe Energy Resources, Inc. on May 5, 1999. Copies of the approved merger, issued by the Delaware Secretary of State, are enclosed for your files.

As this merger causes "Snyder" to cease to exist and their activities are covered by bond #JZ7777, please release bond # 5736975 and return it to the sender.

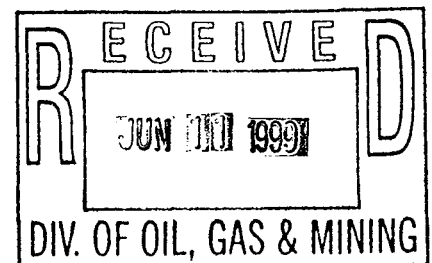
Thank you for your assistance in this matter.

Very truly yours,

A handwritten signature in dark ink, appearing to read "Phillip W. Bode".

Phillip W. Bode

Enclosure



**Santa Fe Energy Resources, Inc.**

June 7, 1999

State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

RE: \$80,000 Surety Blanket P & A Bond #JZ7777

Dear Sir or Madam:

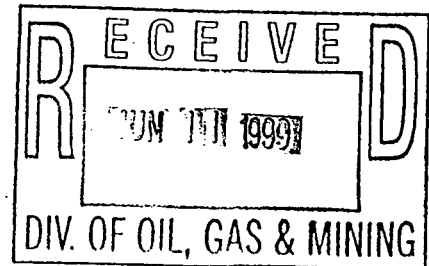
Enclosed is the above bond for Santa Fe Snyder Corporation. This corporation was formed when Snyder Oil Corporation was merged into Santa Fe Energy Resources, Inc. on May 5, 1999. Copies of the approved merger, issued by the Delaware Secretary of State, are enclosed for your files.

Thank you for your assistance in this matter.

Very truly yours,



Phillip W. Bode



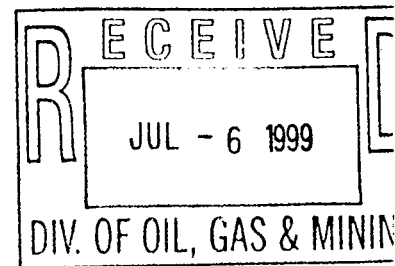
Enclosure



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



In Reply Refer To:  
3106  
U-19037 et al  
(UT-932)

JUL 1 1999

### NOTICE

Santa Fe Snyder Corporation : Oil and Gas  
840 Gessner, Suite 1400 :  
Houston, TX 77024 :

### Merger Recognized Name Change Recognized

Acceptable evidence has been filed in this office concerning the merger of Snyder Oil Corporation into Santa Fe Energy Resources, Inc. and the name being subsequently changed to Santa Fe Snyder Corporation as the surviving entity.

For our purposes the merger and name change are recognized effective June 1, 1999, per company request.

The oil and gas lease files identified on the enclosed exhibits have been noted as to the merger and name change. The exhibits were compiled from lists supplied by Santa Fe Snyder Corporation. We have not adjudicated the case files to determine if the entities affected by the merger and name change hold an interest in the leases identified, nor have we attempted to identify leases where the entities are the operator on the ground, maintaining no vested record title or operating rights interest. We are notifying the Minerals Management Service and all applicable BLM offices of the merger and name change by a copy of this notice. If additional documentation for a change of operator are required by our Field Offices, you will be contacted by them.

By recognition of the merger and the name change the principal on bonds held by Snyder and Santa Fe are automatically changed to Santa Fe Snyder Corporation. Riders to Nationwide Bond No. 400JF 5493 (BLM Bond No. UT0855) and Nationwide Bond No. 5473615 (BLM Bond No. WY2912) have been filed in the Utah State Office. It is the request of Santa Fe Snyder Corporation to change the name on BLM Bond No. UT0855 to reflect the merger/name change, and to terminate the period of liability on BLM Bond No. WY2912. A decision regarding this matter will follow in due course.

Christopher J. Merritt

Christopher J. Merritt  
Acting Group Leader,  
Minerals Adjudication Group

### Enclosures

1. Santa Fe Energy Resources, Inc. Exhibit of Leases
2. Snyder Oil Corporation Exhibit of Leases

cc: All State Offices  
Moab Field Office  
Vernal Field Office  
MMS—Reference Data Branch, MS 3130, P.O. Box 5860, Denver, CO 80217  
State of Utah, DOGM, Attn: Kristen Risbeck (Ste. 1210) Box 145801, SLC, UT 84114-5801  
St. Paul Fire & Marine Insurance Co., 385 Washington St., St. Paul, MN 55102  
SAFECO Insurance Company of America, SAFECO Plaza, Seattle, WA 98185  
Santa Fe Snyder Corp., Attn: Phyllis Sobotik, 1625 Broadway, #2200, Denver, CO 80202  
Irene Anderson (UT-932)  
Teresa Thompson (UT-931)



# **SNYDER LEASES**

<u>LESSOR</u>	<u>STATE</u>	<u>LESSOR</u>	<u>STATE</u>
USA COC-33237	CO	USA U-0136484	UT
USA COC-36719	CO	USA U-37573	UT
USA LAES 49122	LA	USA U-33433	UT
USA LAES 49123	LA	USA U-47172	UT
USA LAES 49124	LA	USA U-37355	UT
USA LAES 49125	LA	USA UTU-15855	UT
USA LAES 49127	LA	USA U-0142175	UT
USA LAES 49128	LA	USA UTU-02651	UT
USA LAES 49129	LA	USA UTU-02651-B	UT
USA LAES 49130	LA	USA U-34705	UT
USA LAES 49131	LA	USA U-40729	UT
USA LAES 49132	LA	USA U-58097	UT
USA LAES 49133	LA	USA U-30289	UT
USA LAES 49134	LA	USA UTU-72632	UT
USA LAES 49135	LA	USA UTU-73013	UT
USA LAES 49136	LA	USA UTU-64376	UT
USA LAES 49137	LA	USA UTU-38261	UT
USA LAES 49138	LA	USA UTU-28212	UT
USA LAES 49139	LA	USA UTU-28213	UT
USA LAES 49140	LA	USA UTU-38419	UT
USA LAES 49141	LA	USA U-53861	UT
USA LAES 49142	LA	USA UTU-38418	UT
USA LAES 49143	LA	USA UTU-66401	UT
USA LAES 49144	LA	USA U-38423	UT
USA LAES 49145	LA	USA UTU-38425	UT
USA LAES 49146	LA	USA U-38421	UT
USA LAES 49147	LA	USA UTU-38428	UT
USA LAES 49148	LA	USA U-38420	UT
USA LAES 49149	LA	USA UTU-34350	UT
USA LAES 49150	LA	USA UTU-39223	UT
USA LAES 49151	LA	USA U-64923	UT
USA LAES 49152	LA	USA UTU-40736	UT
USA LAES 49153	LA	USA U-075939	UT
USA LAES 49154	LA	USA U-70235	UT
USA LAES 49155	LA	USA UTU-44426	UT
USA LAES 49156	LA	USA UTU-57495	UT
USA LAES 49157	LA	USA UTU-57503	UT
USA LAES 49158	LA	USA UTU-52106	UT
USA LAES 49159	LA	USA UTU-59121	UT
USA LAES 49160	LA	USA UTU-73009	UT
USA LAES 49161	LA	USA UTU-73010	UT
USA LAES 49162	LA	USA UTU-50490	UT
USA LAES 49163	LA	USA UTU-65126	UT
USA LAES 49164	LA	USA UTU-49228	UT
USA LAES 49165	LA	USA UTU-53127	UT
USA LAES 49166	LA	USA UTU-65132	UT
USA LAES 49167	LA	USA UTU-63951	UT
USA LAES 49168	LA	USA UTU-47483	UT
USA LAES 49169	LA	USA UTU-63978	UT
USA LAES 49170	LA	USA UTU-69116	UT
USA LAES 49171	LA	USA UTU-65138	UT

# SNYDER LEASES

<u>LESSOR</u>	<u>STATE</u>	<u>LESSOR</u>	<u>STATE</u>
USA LAES 49172	LA	USA UTU-54774	UT
USA LAES 49173	LA	USA UTU-71230	UT
USA LAES 49174	LA	USA UTU-71234	UT
USA LAES 49175	LA	USA UTU-44799	UT
USA LAES 49176	LA	USA UTU-57512	UT
USA LAES 49177	LA	USA UTU-53084	UT
USA LAES 49178	LA	USA UTU-53938	UT
USA LAES 49179	LA	USA UTU-61936	UT
USA LAES 49180	LA	USA UTU-47127	UT
USA LAES 49181	LA	USA UTU-53918	UT
USA LAES 49183	LA	USA UTU-47484	UT
USA LAES 49194	LA	USA UTU-53946	UT
USA LAES 49198	LA	USA UTU-53941	UT
USA LAES 49199	LA	USA UTU-42531	UT
USA LAES 49200	LA	USA U-49245	UT
USA LAES 49201	LA	USA U-50802	UT
USA MTM-38582-A	MT	USA UTU-0647	UT
USA MTM-63708	MT	USA UTU-50687	UT
USA M-13323 (ND)	ND	USA UTU-37116	UT
USA M-68863 (SD)	SD	USA UTU-59122	UT
USA UTU-70189	UT	USA UTU-63985	UT
USA UTU-73175	UT	USA UTU-52298	UT
USA UTU-73434	UT	USA UTU-7386	UT
USA UTU-73435	UT	USA UTU-67178	UT
USA UTU-73444	UT	USA UTU-67549	UT
USA UTU-73450	UT	USA UTU-74416	UT
USA U-8345	UT	USA UTU-74413	UT
USA U-14646	UT	USA UTU-73900	UT
USA U-66746	UT	USA UTU-67868	UT
USA UTU-42469	UT	USA UTU-74414	UT
USA U-65222	UT	USA UTU-49530	UT
USA U-61263	UT	USA UTU-53860	UT
USA UTU-29535	UT	USA UTU-34711	UT
USA U-25880	UT	USA UTU-46699	UT
USA U-65223	UT	USA UTU-73643	UT
USA U-29797	UT	USA UTU-0141804	UT
USA UTU-0109054	UT	USA UTU-75091	UT
USA UTU-8346	UT	USA UTU-75097	UT
USA U-8347	UT	USA UTU-74972	UT
USA UTU-8344	UT	USA UTU-75096	UT
USA U-8344-A	UT	USA UTU-74415	UT
USA UTU-8348	UT	USA UTU-38401	UT
USA U-38424	UT	USA UTU-38411	UT
USA U-38427	UT	USA UTU-31260	UT
USA SL-065841-A	UT	USA UTU-59654	UT
USA UTU-31736	UT	USA U-14219	UT
USA U-38426	UT	USA UTU-30123	UT
USA U-44090-A	UT	USA UTU-34714	UT
USA U-71694	UT	USA UTU-10134	UT
USA U-72028	UT	USA UTU-10830	UT
USA U-51026	UT	USA UTU-14223	UT

**SANTA FE LEASES**

<u>LESSOR</u>	<u>STATE</u>	<u>LESSOR</u>	<u>STATE</u>
BLM NMNM-92488	NM	BLM WYW-59145	WY
BLM NMNM-45235	NM	BLM WYW-43661	WY
BLM NMNM-24877	NM	BLM WYW-0311938	WY
BLM NMNM-93398	NM	BLM WYW-52562	WY
BLM NMNM-96591	NM	BLM WYW EV-022932	WY
BLM NMNM-77894	NM	BLM WYW-27645	WY
BLM NMNM-65900	NM	BLM WYW-043930-A	WY
BLM NMNM-87977	NM	BLM WYW EV-026056	WY
BLM NMNM-65864	NM	BLM WYW-0322610	WY
BLM NMNM-95879	NM	BLM WYW-0320213	WY
BLM NMNM-97394	NM	BLM EV-023313-A	WY
BLM NMNM-98005	NM	BLM WYW-9578	WY
BLM NMNM-98006	NM	BLM WYW-96918	WY
BLM NMNM-98010	NM	BLM WYW-0320078	WY
BLM NMNM-95418	NM	BLM WYW-035599	WY
BLM NMNM-25667	NM	BLM WYW-2120	WY
BLM NMNM-98300	NM	BLM WYEV-024469	WY
BLM NMNM-98033	NM	BLM WYW-0136175	WY
BLM NMNM-998271	NM	BLM WYW-0136177	WY
BLM NMNM-98305	NM	BLM WYW-05991	WY
BLM NMNM-91179	NM	BLM WYW-02736	WY
BLM NMNM-85420	NM	BLM WYW EV-025548	WY
BLM NMNM-100956	NM	BLM EV-023313-E	WY
BLM NMNM-58393	NM	BLM EV-023313-B	WY
BLM OKNM 23555	OK	BLM WYW-21124	WY
BLM NM 15074 (OKLA)	OK	BLM WYW EV-022931	WY
BLM UTU-19037	UT	BLM WYW-61240	WY
BLM UTU-55626	UT	BLM WYW-18480	WY
BLM UTU-38354	UT	BLM WYW-51654	WY
BLM UTU-38401	UT	BLM WYW-50676	WY
BLM UTU-38430	UT	BLM COC-036289 A&B	WY
BLM UTU-42823	UT	BLM WYW-0942	WY
BLM WYEV-026201	WY	BLM WYW-63210	WY
BLM WYW-35860	WY	BLM WYW-66866	WY
BLM WYW-47198	WY	BLM WYW-102793	WY
BLM WYEV-022765	WY	BLM WYW-107726	WY
BLM WYEV-023941	WY	BLM W-70335	WY
BLM WYEV-026196	WY	BLM W-70496	WY
BLM WYEV-026201	WY	BLM W-70326	WY
BLM WYEV-026202	WY	BLM W-55746	WY
BLM WYEV-026204	WY	BLM W-56480	WY
BLM WYEV-026205	WY		
BLM WYEV-026208	WY		
BLM WYEV-026209	WY		
BLM WYW-04674	WY		
BLM WYW-023207	WY		
BLM WYW-023211	WY		
BLM WYW-0268735	WY		
BLM WYCHEY-037066	WY		
BLM WYW-58075	WY		
BLM WYW-17284	WY		
BLM WYW-17296	WY		
BLM WYW-17282(A)	WY		
BLM WYW-55067	WY		

## Santa Fe Snyder Corporation

July 2, 1999

Utah Division of Oil, Gas & Mining  
1594 W. North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801

Attn.: Ms. Kristen Risbeck

RE: Company Merger  
Surety Bond Number - JZ 7777  
Operator Number - N2000

Dear Ms. Risbeck:

Snyder Oil Corporation (SOCO) and Santa Fe Energy Resources, Inc. (Santa Fe) have merged to form Santa Fe Snyder Corporation (SFS). The legal acceptance date of the merger is May 5, 1999. However in an effort to simplify documentation issues, SFS requests that June 1, 1999 be used as the effective date of merger.

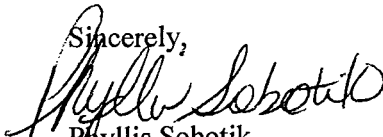
Please change all operated facilities, Applications to Drill (approved and in process) and any other regulatory filings from Snyder Oil Corporation to Santa Fe Snyder Corporation. Attached is the following information in support of this request.

Copy of Merger Certificate  
Copy of the Office of the Secretary of State's Acceptance  
Sundry Notices for Properties Located on Fee or State Land  
Sundry Notice for Federal Properties  
Spreadsheet of all Utah Facilities Operated by SOCO

All correspondence, documents, notifications, etc. should continue to be sent to SFS at the following address

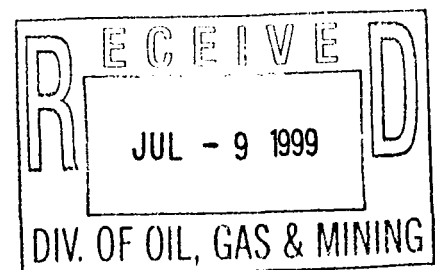
1625 Broadway, Suite 2200  
Denver, CO 80202

Please inform SFS when this request has been accepted and the changes are finalized. If any questions arise or additional information is required, please contact me at 303-592-8668.

Sincerely,  
  
Phyllis Sobotik  
Sr. Regulatory Specialist

/ps  
Enclosures:

1625 Broadway  
Suite 2200  
Denver, Colorado 80202  
303/592-8500  
Fax 303/592-8600



State of Delaware  
Office of the Secretary of State

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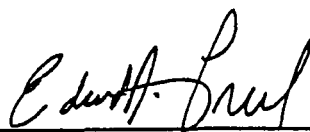
PAGE 1

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"SNYDER OIL CORPORATION", A DELAWARE CORPORATION,  
WITH AND INTO "SANTA FE ENERGY RESOURCES, INC." UNDER THE NAME OF "SANTA FE SNYDER CORPORATION", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE FIFTH DAY OF MAY, A.D. 1999, AT 11 O'CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



  
Edward J. Freel, Secretary of State

0774411 8100M

991177495

AUTHENTICATION: 9725623

DATE: 05-05-99

## **CERTIFICATE OF MERGER**

**Merger of Snyder Oil Corporation, a Delaware corporation  
With and Into  
Santa Fe Energy Resources, Inc., a Delaware corporation**

Pursuant to the provisions of Section 251 of the Delaware General Corporation Law, the undersigned certifies as follows concerning the merger (the "Merger") of Snyder Oil Corporation, a Delaware corporation, with and into Santa Fe Energy Resources, Inc., a Delaware corporation, with Santa Fe Energy Resources, Inc. as the surviving corporation (the "Surviving Corporation").

1. The Agreement and Plan of Merger, dated as of January 13, 1999 (the Agreement and Plan of Merger being hereinafter referred to as the "Merger Agreement") has been approved, adopted, certified, executed and acknowledged by Snyder Oil Corporation and Santa Fe Energy Resources, Inc. in accordance with Section 251 of the Delaware General Corporation Law.

2. The Merger contemplated in the Merger Agreement and this Certificate of Merger will be effective immediately upon the filing of this Certificate of Merger

3. The name of the Surviving Corporation shall be Santa Fe Energy Resources, Inc. which shall be changed herewith to Santa Fe Snyder Corporation.

4. Article FIRST of the Restated Certificate of Incorporation of Santa Fe Energy Resources, Inc. is amended, effective as of the date hereof, to read in its entirety as follows:

"FIRST: The name of the corporation (hereinafter referred to as the "Corporation") is Santa Fe Snyder Corporation."

and that the first paragraph of Article FOURTH of the Restated Certificate of Incorporation of Santa Fe Energy Resources, Inc. is amended, effective as of the date hereof, to read in its entirety as follows:

"FOURTH: The total number of shares of all classes of capital stock which the Corporation shall have authority to issue is 350,000,000, of which 50,000,000 shares shall be Preferred Stock, par value \$.01 per share, and 300,000,000 shares shall be Common Stock, par value \$.01 per share."

The Restated Certificate of Incorporation of Santa Fe Energy Resources, Inc., as amended, in effect at the effective time of the Merger shall be the certificate of incorporation of the

Surviving Corporation.

5. The executed Merger Agreement is on file at the principal place of business of the Surviving Corporation, 1616 South Voss Road, Houston, Texas 77057.

6. A copy of the Merger Agreement will be furnished by the Surviving Corporation, on request and without cost, to any stockholder of Snyder Oil Corporation or Santa Fe Energy Resources, Inc.

Dated this 5th day of May, 1999.

SANTA FE ENERGY RESOURCES, INC.

By: David L. Hicks  
Name: David L. Hicks  
Title: Vice President — Law and  
General Counsel

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☐ Gas Well ☐ Other

See Attached List

2. Name of Operator

**Santa Fe Snyder Corporation**

Attn.: Phyllis Sobotik

3. Address and Telephone No.

**1625 Broadway, Suite 2200, Denver, CO 80202**

**303-592-8668**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

See Attached List

5. Lease Designation and Serial No.

**See Attached List**

6. If Indian, Allottee or Tribe Name

**See Attached List**

7. If Unit or CA, Agreement Designation

8. Well Name and No.

**See Attached List**

9. API Well No.

**See Attached List**

10. Field and Pool, or Exploratory Area

**See Attached List**

11. County or Parish, State

**See Attached List**

12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

☐ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Change of Operator

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

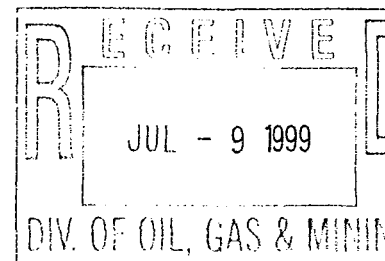
Snyder Oil Corporation and Santa Fe Energy Resources, Inc. have merged to form Santa Fe Snyder Corporation. The legal acceptance date of the merger is May 5, 1999. However in an effort to simplify documentation issues, Santa Fe Snyder Corporation requests that June 1, 1999 be used as the effective date of merger.

A copy of the Merger Certificate and of the Office of the Secretary of State's Acceptance is attached.

Nationwide BLM Bond Number - UT-0855

Surety Bond Number - 400JF 5433

Please contact Phyllis Sobotik at 303-592-8668 if you have any questions.



14. I hereby certify that the foregoing is true and correct

Signed

*Phyllis Sobotik*

Title

**Sr. Regulatory Specialist**

Date

**01-Jul-99**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*See Instruction on Reverse Side**



**UTAH FACILITIES**

Lease	Unit Name	Tribe Name	Field	Stat	County	1/41/4	S	T	R	Lease Number	Mineral Type	API Number	Comments
Horseshoe Bend #4-10			Horseshoe Bend	INA	Uintah	NW/SE	4	7S	22E	U 0136484	FED	43-047-32577	11728
✓ Horseshoe Bend #36-1P			Horseshoe Bend	ACT	Uintah	SE/SE	36	6S	21E	ML 33225	STATE	43-047-31482	9815
Horseshoe Bend Compressor Site			Horseshoe Bend	ACT	Uintah		4	7S	21E				
Jack Rabbit #1-11			Natural Buttes	INA	Uintah	SW/NE	11	10S	23E	U 38425	FED	43-047-30423	1475
✓ L.C.K. #30-1H			Horseshoe Bend	ACT	Uintah	SE/NE	30	6S	21E	N/A	FEE	43-047-31588	10202
Lafkas Federal #1-3			Hill Creek	INA	Uintah	SW/SW	3	11S	20E	U 34350	FED	43-047-31178	1367
Lizzard Creek #1-10			Bitter Creek	ACT	Uintah	NW/NW	10	11S	22E	U 25880	FED	43-047-31475	9870
✓ Lookout Point #1-16			Natural Buttes	ACT	Uintah	NE/SE	16	10S	23E	ML 22186 A	STATE	43-047-30544	1495
Love Unit #1-11	Love		Love	ACT	Uintah	C/SW	11	11S	21E	U 008344 A	FED	43-047-30617	1366
Love Unit #1-12	Love		Love	ACT	Uintah	SW/NW	12	11S	21E	U 008344 A	FED	43-047-30638	1366
Love Unit #4-1	Love		Love	INA	Uintah	NW/SW	4	11S	21E	U 8347	FED	43-047-30640	1366
Love Unit #A1-18	Love		Love	ACT	Uintah	SW/SE	18	11S	21E	U 8348	FED	43-047-30706	1366
Love Unit #B1-10	Love		Love	ACT	Uintah	SE/SW	10	11S	21E	U 8347	FED	43-047-30709	1366
Love Unit #B2-3	Love		Love	INA	Uintah	SW/SW	3	11S	21E	U 8347	FED	43-047-30766	1366
Love Unit Compressor Site			Love	ACT	Uintah			11S	21E				
Madeline #4-3C			Horseshoe Bend	ACT	Uintah	Lot 3	4	7S	21E	U 42469	FED	43-047-32279	11379
McLish #1	Walker Hollow		Walker Hollow (Horseshoe Bend)	ACT	Uintah	SW/SW	8	7S	23E	U 02651	FED	43-047-20280	2760
McLish #2	Walker Hollow		Walker Hollow (Horseshoe Bend)	INA	Uintah	SW/SE	8	7S	23E	U 02651	FED	43-047-30011	2760
McLish #3			Walker Hollow (Horseshoe Bend)	ACT	Uintah	NE/SE	8	7S	23E	U 02651	FED	43-047-30027	12504
McLish #4	Walker Hollow		Walker Hollow (Horseshoe Bend)	INA	Uintah	NE/SW	8	7S	23E	U 02651	FED	43-047-30030	2760
Natural #1-7			Love (Horseshoe Bend)	INA	Uintah	NW/NE	7	11S	21E	U 8345	FED	43-047-30148	6129
No Name Canyon #1-9			Natural Buttes	ACT	Uintah	SE/NE	9	10S	23E	U 37355	FED	43-047-30378	1466
No Name Canyon #2-9			Natural Buttes	ACT	Uintah	NE/NW	8	10S	23E	U 37355	FED	43-047-31504	1468
NSO Federal #1-12			Natural Buttes	ACT	Uintah	NE/NW	12	10S	23E	U 38423	FED	43-047-30560	1480
Pan American #1	Walker Hollow		Walker Hollow (Horseshoe Bend)	INA	Uintah	SW/NW	9	7S	23E	U 02651 A	FED	43-047-30037	
Pan American #2	Walker Hollow		Walker Hollow (Horseshoe Bend)	INA	Uintah	NW/SW	9	7S	23E	U 02651 A	FED	43-047-30038	2760
✓ Pariette Draw #28-44			Windy Ridge West (Eight Mile Flat N.)	ACT	Uintah	SE/SE	28	4S	1E	N/A	FEE	43-047-31408	4960
Pete's Flat #1-1			Natural Buttes	INA	Uintah	NE/SE	1	10S	23E	U 38423	FED	43-047-30558	1510
Sage Hen #1-6			Natural Buttes	INA	Uintah	NE/SE	6	10S	23E	U 38419	FED	43-047-30382	1490
Sagebrush #1-8			Natural Buttes	TAD	Uintah	SW/NE	8	10S	23E	U 37355	FED	43-047-30383	1467
Sheepherder #1-10			Natural Buttes	ACT	Uintah	NE/SE	10	10S	23E	U 38424	FED	43-047-30559	1470
Southman Canyon #1-5 (Federal #1-5)			Natural Buttes	ACT	Uintah	SE/NW	5	10S	23E	U 33433	FED	43-047-30856	10689
Southman Canyon #3			Natural Buttes	WDW	Uintah	NE/SE	15	10S	23E	U 66406	FED	43-047-15880	Saltwater Disposal 99990
Southman Canyon #4-4 (Federal #4-4)			Natural Buttes	INA	Uintah	NW/SE	4	10S	23E	U 33433	FED	43-047-30632	10690
Southman Canyon #4-5			Natural Buttes	ACT	Uintah	NE/SE	5	10S	23E	U 33433	FED	43-047-30633	6131
Southman Canyon #9-3M			Natural Buttes	ACT	Uintah	SW/SW	9	10S	23E	U 37355	FED	43-047-32540	11767
Southman Canyon #9-4J			Natural Buttes	ACT	Uintah	NW/SE	9	10S	23E	U 37355	FED	43-047-32541	11685
Southman Canyon #31-1L			Natural Buttes	ACT	Uintah	SW/	31	9S	23E	U 33433	FED	43-047-32543	11678
✓ State #14-16			Brennan Bottom	ACT	Uintah	SW/SW	16	7S	21E	ML 40904	STATE	43-047-31417	8010

## OPERATOR CHANGE WORKSHEET

Routing:

1-KDR	6-KAS
2-CLH	7-SJ TP
3-JRB	8-FILE
4-CDW	9- <i>[Signature]</i>
5-KDR	

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

☐ Change of Operator (well sold)☐ Designation of Agent☐ Designation of Operator☒ Operator Name Change Only (MERGER)The operator of the well(s) listed below has changed, effective: 6-1-99TO: (new operator) SANTE FE SNYDER CORPORATION FROM: (old operator) SNYDER OIL CORPORATION  
(address) P.O. BOX 129 (address) P.O. BOX 129BAGGS, WYOMING 82321BAGGS, WYOMING 82321Phone: (307) 383-2800Phone: (307) 383-2800Account no. N2000 (6-24-99)Account no. N1305

WELL(S) attach additional page if needed:

\*HORSESHOE BEND, LOVE, EAST BENCH &amp; WALKER HOLLOW UNITS

Name: <u>*SEE ATTACHED*</u>	API: <u>93-097-30038</u>	Entity: <u>      </u>	S <u>      </u>	T <u>      </u>	R <u>      </u>	Lease: <u>      </u>
Name: <u>      </u>	API: <u>      </u>	Entity: <u>      </u>	S <u>      </u>	T <u>      </u>	R <u>      </u>	Lease: <u>      </u>
Name: <u>      </u>	API: <u>      </u>	Entity: <u>      </u>	S <u>      </u>	T <u>      </u>	R <u>      </u>	Lease: <u>      </u>
Name: <u>      </u>	API: <u>      </u>	Entity: <u>      </u>	S <u>      </u>	T <u>      </u>	R <u>      </u>	Lease: <u>      </u>
Name: <u>      </u>	API: <u>      </u>	Entity: <u>      </u>	S <u>      </u>	T <u>      </u>	R <u>      </u>	Lease: <u>      </u>
Name: <u>      </u>	API: <u>      </u>	Entity: <u>      </u>	S <u>      </u>	T <u>      </u>	R <u>      </u>	Lease: <u>      </u>
Name: <u>      </u>	API: <u>      </u>	Entity: <u>      </u>	S <u>      </u>	T <u>      </u>	R <u>      </u>	Lease: <u>      </u>

## OPERATOR CHANGE DOCUMENTATION

- 1 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 6.11.99)*
- 2 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 6.11.99)*
- 3 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no)        If yes, show company file number: #011879
- 4 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below. *(Rec'd 7.6.99)*
- 5 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(7.12.99)*
- 6 6. Cardex file has been updated for each well listed above.
- 7 7. Well file labels have been updated for each well listed above. *(new system)*
- 8 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(8.2.99)*
- 9 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

- ☒ 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- ☒ 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

## BOND VERIFICATION - (FEE WELLS ONLY)

- ☒ 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.  
(Rec'd 6.11.99 #J27777)
- ☒ 2. A copy of this form has been placed in the new and former operator's bond files.
- ☒ 3. The **FORMER** operator has requested a release of liability from their bond (yes/no) no, as of today's date 6.11.99. If yes, division response was made to this request by letter dated Aug. 12, 1999

## LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- ☒ 1. Copies of documents have been sent on 8/12/99 to Ed Bonner at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- ☒ 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated \_\_\_\_\_ 19 \_\_, of their responsibility to notify all interest owners of this change.

## FILMING

- ☒ 1. All attachments to this form have been **microfilmed**. Today's date: 9-29-99.

## FILING

- ☐ 1. Copies of all attachments to this form have been filed in each well file.
- ☐ 2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

## COMMENTS

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>U-02651A</b>
2. Name of Operator <b>Coastal Oil &amp; Gas Corporation</b>		6. If Indian, Allottee or Tribe Name
3a. Address <b>P.O. Box 1148, Vernal UT 84078</b>	3b. Phone No. (include area code) <b>(435) -781-7023</b>	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>NW SW Section 9-T7S-R23E 1820'FSL &amp; 819'FWL</b>		8. Well Name and No. <b>Pan American #2</b>
		9. API Well No. <b>43-047-30038</b>
		10. Field and Pool, or Exploratory Area <b>Walker Hollow</b>
		11. County or Parish, State <b>Utah Utah</b>

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

**Coastal Oil & Gas Corporation requests authorization to Plug & Abandon the subject well. Due to present production is uneconomical.**

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**

*Stamped & Filed  
to Apr. 10-2000  
CHD*

**RECEIVED**

**SEP 05 2000**

**DIVISION OF  
OIL, GAS AND MINING**

**Federal Approval of this  
Action is Necessary**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Sheila Upchego**

Title

**Jr. Regulatory Analyst**

Date **8/28/00**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# Plug & Abandon Procedure

## Pan American #2

Section 9 – T7S - R23E  
Walker Hollow Field  
Uintah County, Utah

### Well Data:

Total Depth: 5,532'

PBTD: 5,286' (CIBP w/ 2sx cmt on top)

Casing: 8-5/8", 24#, K-55 @ 246' cmt w/ 225 sx  
5-1/2", 14# & 15.5#, K-55 @ 5,557' cmt w/ 350 sx

Tubing 2-7/8", 6.5#, J-55 @ 5,371' w/ TAC @ 5,240' & PSN @ 5,338'

Perforations: 5406, 5410, 5411, 5412, 5423, 5425, 5436, 5442, 5452, 5453,  
5454, 5455, 5457, 5460, 5463, 5471, 5472, 5473, 5474, 5479,  
5492, 5493, 5494, 5498 & 5499.

5016'-5024', 4970'-4974', 4898'-4906', 4868'-4876', 4846'-4854', 4790'-4800' &  
4722'-4728'.

### Tubular Data:

Description	ID (inches)	Drift (inches)	Capacity (bbls / ft)	Capacity (cu ft / ft)	Burst (psi)	Collapse (psi)
8-5/8", 24#, K-55	8.097	7.972	0.0637	0.3576	2,950	1,370
5-1/2", 15.5# K-55	4.950	4.825	0.0238	0.1336	4,810	4,040
5-1/2", 14# K-55	5.012	4.887	0.0244	0.1370	4,270	3,120
8-5/8" x 5-1/2" Annulus	---	---	0.0343	0.1926	---	---
2-7/8", 6.5#, J-55	2.441	2.347	0.00579	0.0325	7,260	7,680

### Present Status:

Shut in – uneconomic to produce.

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SEP 05 2000

DIVISION OF  
OIL, GAS AND MINING

**Procedure:**

1. Notify BLM / State 24 hours before MI&RU to P&A
2. MI & RU work over rig. ND well head & NUBOP. POOH w/ 2-7/8" tubing.
3. RU wire line unit & set CIBP @ +/- 4,700'.
4. RIH w/ tubing. Spot 15 sx cement on top of CIBP, PU to +/- 4,600' and spot 9.0+ ppg fluid from 4,600' to 350'. POOH w/ tubing.
5. Perforate 5-1/2" casing @ 350'. Establish circulation down 5-1/2" casing & up 5-1/2" x 8-5/8" annulus.
6. Pump 100 sx cement down 5-1/2" casing & displace to 150'.
7. RIH w/ tubing to 50' and circulate cement to surface.
8. Cut off casing 3' below GL. Run 1" tubing down 8-5/8"x 5-1/2" annulus & circulate cement to surface.
9. Weld on dry hole marker, clean up and rehab location.

**Note:** Cement to be Class "G" mixed @ 15.8 ppg.

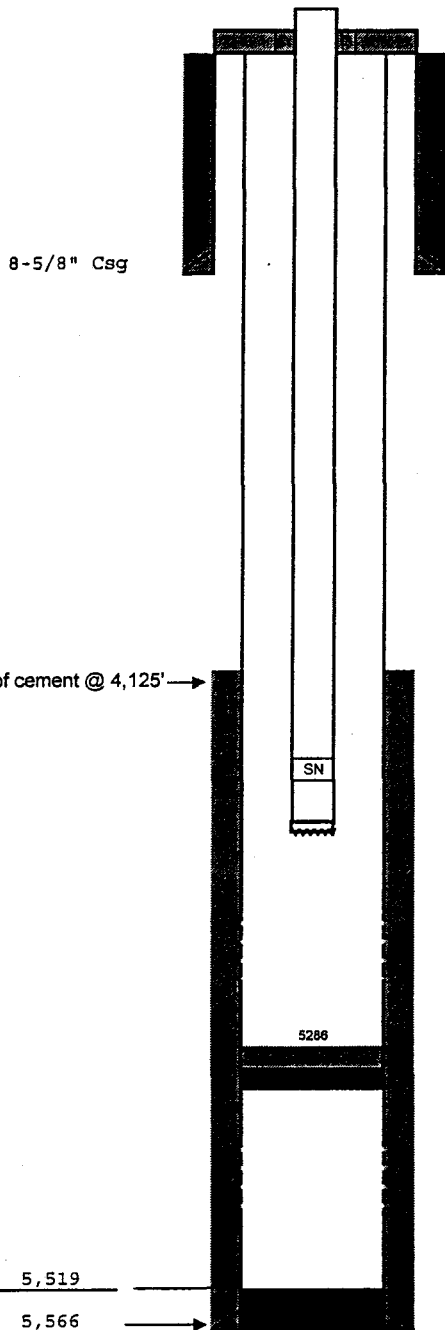
RECEIVED

SEP 05 2000

DIVISION OF  
OIL, GAS AND MINING

# Before P&A Wellbore Diagram

DATE: \_\_\_\_\_ WELL: Pan American #2 COUNT Uintah SEC: 9  
 FOREMAN: \_\_\_\_\_ FIELD: Walker Hollow STATE: Utah TWS: 7S  
 KB: 12' RIG No: \_\_\_\_\_ RGE: 23E



## CASING RECORD

SIZE	WT	GRADE	THD	FROM	TO
8-5/8"	24#	J-55	8 rd	0	246
5-1/2"	14 & 15.5#	J-55	8 rd	0	5,566

## TUBING RECORD

SIZE	WT	GRADE	THD	FROM	TO
2-7/8"	4.7#	J-55	8 rd	0	5,015
JTS	PSN				
159	4,982				

## COMMENTS/PERFORATIONS:

Perfs: 5406, 5410, 5411, 5412, 5423, 5425, 5436, 5442, 5452, 5453  
 5454, 5455, 5457, 5460, 5463, 5471, 5472, 5473, 5474, 5479  
 5492, 5493, 5494, 5498, 5499

CIBP @ 5,300'

Perfs: 5016-24, 4970-74, 4898-4906, 4868-76, 4846-54, 4770-4800, 4722-28

RECEIVED

SEP 05 2000

DIVISION OF  
OIL, GAS AND MINING

# After P&A Wellbore Diagram

DATE: \_\_\_\_\_ WELL: Pan American #2 COUNT Uintah SEC: 9  
 FOREMAN: \_\_\_\_\_ FIELD: Walker Hollow STATE: Utah TWS: 7S  
 KB: 12' RIG No: \_\_\_\_\_ RGE: 23E

## CASING RECORD

SIZE	WT	GRADE	THD	FROM	TO
8-5/8"	24#	J-55	8 rd	0	246
5-1/2"	14# & 15.5#	J-55	8 rd	0	5,566

8-5/8" Csg

146'

Top of cement @ 4,125' →

5286'

Orig. PBTD 5,519

5-1/2" Casing @ 5,566 →

## COMMENTS/PERFORATIONS:

Perfs: 5406, 5410, 5411, 5412, 5423, 5425, 5436, 5442, 5452, 5453  
 5454, 5455, 5457, 5460, 5463, 5471, 5472, 5473, 5474, 5479  
 5492, 5493, 5494, 5498, 5499

CIBP @ 5,300'

Perfs: 5016-24, 4970-74, 4898-4906, 4868-76, 4846-54, 4770-4800, 4722-28

RECEIVED

SEP 05 2000

DIVISION OF  
OIL, GAS AND MINING



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Coastal Oil & Gas Corporation

3a. Address

P.O. Box 1148 Vernal, UT 84078

3b. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW/SW

Sec. 9, T7S, R23E

5. Lease Serial No.

U-02651A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Pan American #2

9. API Well No.

43-047-30038

10. Field and Pool, or Exploratory Area

Walker Hollow

11. County or Parish, State

Uintah, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

The subject well was Plugged & Abandoned on 5/31/01 as follows:

Spot 15 sx Class G cmt on top to CIBP @ 4700'+/-

RIH w/ CICR & Set @ 2708'

Pumped 52 sx Class G & unstung from CICR

Spot 25 sx Class G from 2708'-2500'

Spot a 200' plug from 412'-212' w/ 61 sx Class G

Cut off wellhead

Run 1" tbg down 8 5/8" X 5 1/2" annulus

Spot 44 sx cmt to surf - Weld on Dry Hole Marker 3' below surface

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Cheryl Cameron

Title

Regulatory Analyst

Signature

Date

June 12, 2001

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED

JUN 12 2001

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
OIL, GAS AND MINING

**THE COASTAL CORPORATION  
PRODUCTION REPORT**

PAN AMERICAN #2  
NW/SW SEC. 9, T7S-R23E  
WALKER HOLLOW FIELD  
UINTAH COUNTY, UT

---

**PLUG & ABANDON**

5/29/01      5/26-29/01 SIFWE. MIRU TO P& A.

5/30/01      SPOT CMT ON CIBP  
SITP & SICP: 0#. ND TREE & NUBOP. CIRC WELL CLEAN W/150 DEG 2% KCL WTR.  
POOH W/TBG. MADE GAUGE RING RUN TO 5277'. RIH & SET CIBP @ 4700'. RIH  
W/TBG TO 4400'.

5/31/01      PUMP CMT  
TEST CIBP TO 500#. FINISHED RIH W/2 7/8" J-55 TBG TO 4697'. SPOT 15 SX CMT ON  
TOP OF CIBP. PUH TO 4575'. CIRC 9 PPG FLU FROM 4575' TO SURF. POOH W/TBG.  
PERFED 2718' @ 4 SPF. RIH W/TBG TO 2704'. BROKE DN PERFS @ 1800#. PUMPED 100  
BBLs INTO PERFS & SAW NO PRESS. POOH W/TBG. RIH W/CICR & SET @ 2708'.  
PUMPED 52 SXS CLASS "G" W/2% CACL2 AND UNSTUNG FROM CICR. SPOT 25 SXS  
CLASS "G" W/2% CACL2 FROM 2708' TO 2500'. POOH W/TBG. PERFED @ 300' W/4 SPF.  
RIH W/9 JTS TBG. PUMPED INTO PERF @ 3/4 BPM @ 800#. NEVER GOT CIRC UP 5 1/2" X 8  
5/8" ANNULUS. HOOKED UP TO ANNULUS & PUMPED INTO @ 0.7 BPM @ 400#. POOH  
W/TBG.

6/1/01      FINAL-REMOVE FROM REPORT  
MIRU CUTTERS & DS. RIH W/ 9 JTS, SPOT CMT, POOH & LD 9 JTS. CHANGE PLANS.  
RIH W/ 2 7/8" TBG TO 412', CIRC HOLE CLEAN, POOH W/ TBG, RIH W/ WIRELINE,  
SHOT PERFS @ 254', 4 SPF, RDMO CUTTERS, ATTEMPT TO CIRC 8 5/8" x 5 1/2"  
ANNULUS FAILED, RIH W/ 2 7/8" TBG, SPOT A 200' PLUG FROM 412' TO 212', 61 SX,  
2% CACL2, LD 13 JTS, RD FLOOR, ND BOP, CUT OFF WELL HEAD. RUN 1" TBG DN 8  
5/8" x 5 1/2" ANNULUS & SPOT 44SX CMT W/ 2% CACL2 FROM 212' TO SURF. WELD  
DRY HOLE MARKER PLATE 3' BELOW SURF. BACKFILL AROUND MARKER PLATE,  
REMOVE ANCHORS. RDMO. SDFD.

JAN. 17. 2003 3:34PM WESTPORT

NO. 173 P. 2

**WESTPORT OIL AND GAS COMPANY, L.P.**

410 Seventeenth Street #2300 Denver Colorado 80202-4436  
Telephone: 303 573 5404 Fax: 303 573 5609

February 1, 2002

Department of the Interior  
Bureau of Land Management  
2850 Youngfield Street  
Lakewood, CO 80215-7093  
Attention: Ms. Martha Maxwell

RE: BLM Bond CO-1203  
BLM Nationwide Bond 158626364  
Surety - Continental Casualty Company  
Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.  
Assumption Rider - Westport Oil and Gas Company, L.P.

Dear Ms. Maxwell:

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

Two (2) Assumption Riders, fully executed originals.  
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.  
List of all Federal/BIA/State Leases - Belco/Westport's leases - in all states.

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,  
Westport Oil and Gas Company, L.P.

Debby J. Black  
Engineer Technician

Encl:



United States Department of the Interior **RECEIVED**

BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

FEB 22 2002

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:

3106

UTU-25566 et al

(UT-924)

FEB 21 2002

NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas  
410 Seventeenth Street, #2300 :  
Denver Colorado 80215-7093 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

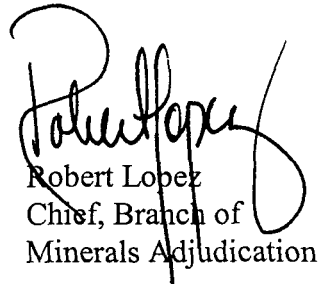
For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405  
UTU-20895  
UTU-25566  
UTU-43156  
UTU-49518  
UTU-49519  
UTU-49522  
UTU-49523



Robert Lopez  
Chief, Branch of  
Minerals Adjudication

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

# memorandum

Branch of Real Estate Services  
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to  
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

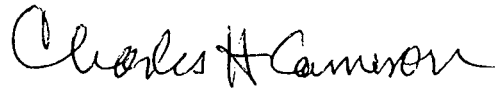
We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate your concern, and hope that these comments are timely enough for consideration in the revision process.

CC: Minerals & Mining Section of RES  
Ute Energy & Mineral Resources Department: Executive Director  
chrono





## United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

Washington, D.C. 20240

FEB 10 2003

IN REPLY REFER TO:

Real Estate Services

Carroll A. Wilson  
Principal Landman  
Westport Oil and Gas Company, L.P.  
1368 South 1200 East  
Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

Director, Office of Trust Responsibilities

**ACTING**

Enclosure



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

IN REPLY REFER TO  
UT-922

February 27, 2003

Westport Oil and Gas Company, L.P.  
Attn: Gary D. Williamson  
1670 Broadway, Suite 2800  
Denver, Colorado 80202

Re: Walker Hollow Unit  
Uintah County, Utah

Gentlemen:

On February 27, 2003, we received an indenture dated December 17, 2002, whereby El Paso Production Oil & Gas Company resigned as Unit Operator and Westport Oil and Gas Company, L.P., was designated as Successor Unit Operator for the Walker Hollow Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 27, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Walker Hollow Unit Agreement.

Your nationwide (Colorado) oil and gas bond No. 1203 will be used to cover all operations within the Walker Hollow Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
Minerals Adjudication Group  
File - Walker Hollow Unit (w/enclosure)  
Agr. Sec. Chron  
Fluid Chron

UT922:TAThompson:tt:02/27/2003

RECEIVED

FEB 28 2003

DIV OF OIL, GAS & MINING



## Results of query for MMS Account Number 891000471D

Production	API Number	Operator	Well Name	Well Status	Lease or CA Number	Inspection Item	Township	Range	Section	Qu
<u>Production</u>	<u>4304720280</u>	EL PASO PROD OIL & GAS CO	1 WALKER HOLLOW UNIT	POW	UTU02651	891000471D	7S	23E	8	SV
<u>Production</u>	<u>4304730011</u>	EL PASO PROD OIL & GAS CO	2 MCLISH-WALKER	TA	UTU02651	891000471D	7S	23E	8	SV
<u>Production</u>	<u>4304730027</u>	SANTA FE SNYDER CORPORATION	3 MCLISH-WALKER	<del>P/A</del>	UTU02651	891000471D	7S	23E	8	NE
<u>Production</u>	<u>4304730030</u>	EL PASO PROD OIL & GAS CO	4 WALKER HOLLOW	TA	UTU02651	891000471D	7S	23E	8	NE
<u>Production</u>	<u>4304730038</u>	EL PASO PROD OIL & GAS CO	2 PAN-AMERICAN UNIT	OSI	UTU71694	891000471D	7S	23E	9	NV
<u>Production</u>	<u>4304731034</u>	EL PASO PROD OIL & GAS CO	6 WALKER HOLLOW UNIT	TA	UTU02651	891000471D	7S	23E	8	SE
<u>Production</u>	<u>4304731092</u>	EL PASO PROD OIL & GAS CO	J-8 WALKER HOLLOW UN	TA	UTU02651	891000471D	7S	23E	8	NV

*DISCLAIMER for online data: No warranty is made by the BLM for use of the data for purposes not intended by the BLM.*

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Exhibit "A"

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☐

OTHER \_\_\_\_\_

2. NAME OF OPERATOR:

El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR:

9 Greenway Plaza

CITY Houston

STATE TX

ZIP

77064-0995

PHONE NUMBER:

(832) 676-5933

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT  
(Submit in Duplicate)

Approximate date work will start:

☐ SUBSEQUENT REPORT  
(Submit Original Form Only)

Date of work completion:

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☒ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☐ OTHER: \_\_\_\_\_

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND # \_\_\_\_\_

State Surety Bond No. RLB0005236

Fee Bond No. RLB0005238

EL PASO PRODUCTION OIL & GAS COMPANY

By: \_\_\_\_\_

Jon R. Nelsen, Attorney-in-Fact

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY, L.P.

NAME (PLEASE PRINT)

David R. Dix

TITLE

Agent and Attorney-in-Fact

SIGNATURE

DATE

12/17/02

(This space for State use only)

Form 3160-5  
(August 1999)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

SEE ATTACHED EXHIBIT "A"

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

SEE ATTACHED EXHIBIT "A"

9. API Well No.

SEE ATTACHED EXHIBIT "A"

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UT

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL &amp; GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED EXHIBIT "A"

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

☐ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice

## TYPE OF ACTION

☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☒ OtherSUCCESSOR OF  
OPERATOR

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompletes horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zone Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed if testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED

MAR 04 2003

DIV. OF OIL, GAS &amp; MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

CHERYL CAMERON

Title

OPERATIONS

Date

March 4, 2003

Approved by

THIS SPACE FOR FEDERAL OR STATE USE

Title

Date

Office

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

### 3. FILE

### Designation of Agent/Operator

## Merger

Account No. N2115

## WALKER HOLLOW

**WELL(S)**

[illegible]

5. If **NO**, the operator was contacted contacted on:

6. (R649-9-2) Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: N/A

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 03/07/2003
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 03/07/2003
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: RLB 0005236

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: 158626364

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: RLB 0005239

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB 0005238
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS: COMPLETE LIST OF WELLS INVOLVING OPERATOR CHANGE MAY BE FOUND IN THE OPERATOR CHANGE FILE.**

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ

2. CDW

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**1/6/2006**

**FROM: (Old Operator):**

N2115-Westport Oil & Gas Co., LP  
 1368 South 1200 East  
 Vernal, UT 84078  
 Phone: 1-(435) 781-7024

**TO: ( New Operator):**

N2995-Kerr-McGee Oil & Gas Onshore, LP  
 1368 South 1200 East  
 Vernal, UT 84078  
 Phone: 1-(435) 781-7024

CA No.		Unit:		WALKER HOLLOW UNIT			
WELL NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- If **NO**, the operator was contacted on: \_\_\_\_\_
- (R649-9-2) Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 5/15/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
- Bond information entered in RBDMS on: 5/15/2006
- Fee/State wells attached to bond in RBDMS on: 5/16/2006
- Injection Projects to new operator in RBDMS on: \_\_\_\_\_
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG  
The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

**COMMENTS:**

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ

2. CDW

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Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

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 Vernal, UT 84078

Phone: 1-(435) 781-7024

**TO: ( New Operator):**

N2995-Kerr-McGee Oil & Gas Onshore, LP  
 1368 South 1200 East  
 Vernal, UT 84078

Phone: 1-(435) 781-7024

**CA No.**

**Unit:**

**WALKER HOLLOW**

WELL NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
WALKER HOLLOW U MCLISH 3	08	070S	230E	4304730027	12504	Federal	GW	PA
PAN AMERICAN FED 2	09	070S	230E	4304730038	2760	Federal	OW	PA
WALKER HOLLOW U MCLISH 1	08	070S	230E	4304720280	2760	Federal	OW	PA
WALKER HOLLOW U MCLISH 2	08	070S	230E	4304730011	2760	Federal	OW	PA
WALKER HOLLOW U MCLISH 4	08	070S	230E	4304730030	2760	Federal	OW	PA
WALKER HOLLOW UNIT 6	08	070S	230E	4304731034	2760	Federal	OW	PA
WALKER HOLLOW UNIT J-8	08	070S	230E	4304731092	2760	Federal	GW	PA

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

BLM BOND = C01203

BIA BOND = RLB0005239

APPROVED 5/16/06

Earlene Russell

Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RANDY BAYNE

Title

DRILLING MANAGER

Signature

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

RECEIVED  
MAY 10 2006

DIV OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRAD LANEY

Signature

Title

ENGINEERING SPECIALIST

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

*Brad Laney*

Title

Date

5-9-06

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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(Instructions on reverse)



## United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Colorado State Office  
2850 Youngfield Street  
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)  
3106  
COC017387 et. al.

March 23, 2006

### NOTICE

Kerr-McGee Oil & Gas Onshore L.P. :  
1999 Broadway, Suite 3700 : Oil & Gas  
Denver, CO 80202 :

#### Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell  
Martha L. Maxwell  
Land Law Examiner  
Fluid Minerals Adjudication

**Attachment:**

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

**Wyoming State Office**

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-922)

March 27, 2006

## Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of  
Fluid Minerals

## Enclosure

Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare  
Dave Mascarenas  
Susan Bauman

RECEIVED

MAR 28 2006

DIR. OF OIL, GAS & MIN. B.